# CANADIAN PACIFIC RAILWAY COMPANY

## COLONIZATION AND DEVELOPMENT BRANCH

Nº 11

**J. S. DENNIS**
CHIEF COMMISSIONER

## MANITOBA CENSUS JUNE 1916. GRAIN OUTPUT that of 1915.

## MANITOBA CENSUS JUNE 1916
Grain Output of 1915

### Index to Blue-Print

① Shows the number of people the area available for settlement could accommodate at 10 persons per square mile (rural population) and what at the same density the present population requires. The upper bar representing the number of square miles available for settlement and the lower bar representing the area thereof occupied on the basis of 10 persons per square mile.

② Constituency of Nelson. ③ Constituency of Dauphin. ④ Constituency of Marquette. ⑤ Constituency of Brandon. ⑥ Constituency of Souris. ⑦ Constituency of Neepawa. ⑧ Constituency of Macdonald. ⑨ Constituency of Lisgar. ⑩ Constituency of Portage la Prairie. ⑪ Constituency of Selkirk. ⑫ Constituency of Springfield. ⑬ Constituency of Provencher.

In Graphs 2 to 13 are shown correctly the boundaries of each constituency, and in each constituency is shown the acreage occupied by Grains and Stock and have each been plotted to the same scale as the constituency. The area occupied by Wheat represented by "W." Barley by "B." Oats by "O." and Other Grains is represented by "X." On the basis of 5 acres for each Horse, acres required represented by "H."; on the basis of 4 acres for each head of Cattle, acres required represented by "C." 1 acre for each Sheep, acres required represented by "S." 1 acre for each Pig, acres required represented by "P."

In the cases of Nos 2, 3, 11 and 12, the large block surrounding the areas allotted or occupied for the purposes specified represents the correct area in and of the land available for settlement in each said constituency. In Nos 4, 5, 6, 7, 8, 9, 10 and 13, the whole constituency is available for settlement excepting so far as Forest Reservations are concerned, which reservations are shown in detail in Graph 16. Most of these Forest Reservations have been subdivided but withdrawn from settlement.

The census returns have the constituencies arranged alphabetically as follows :– 1, Brandon. 2, Dauphin. 3, Lisgar. 4, Macdonald. 5, Marquette. 6, Neepawa. 7, Nelson. 8, Portage la Prairie. 9, Provencher. 10, Selkirk. 11, Souris. 12, Springfield. the other three being constituencies of Winnipeg, are not agricultural.

⑭ Shows the total population for each constituency, illustrated by a diagram, also the percentage of increase of 1916 over 1911.

⑮ Shows the Rural population for each constituency, illustrated by a diagram, also the percentage that the rural population in each constituency is of the whole Province. Note the percentage of Cities, Towns and Villages that are included in the estimate of the Rural Population.

⑯ The area in each constituency now available for settlement, also what percentage such area is of the whole Province which is now available for settlement.

⑰ Shows the number of acres that are now available for settlement for each unit of Rural Population

⑱ Shows the number of acres in crop for each unit of Rural Population in each constituencie.

⑲ Total annual output of Grain and Stock for each constituency in value. (See note at end showing how estimate of annual output is arrived at.) Also the per capita of output based on the whole of rural population; based also on the acreage available for settlement and on the mileage of railway.

⑳ The mileage of railway in each constituency and the percentage each represents of the whole Provincial mileage. Also the percentage the area available for settlement is of the whole Province.

(20A) The square miles of area available for settlement in each constituency. The Rural population per mile of railway and the Rural population per square mile of area.

㉑ The number of Horses in each constituency. (21A) The value of same, placing each at $100.

(21B) The percentage of the total value in the Province of this class in each constituency, also the percentage of the total annual output of all classes, Stock and Grain represented by each constituency.

㉒ The number of Cattle in each constituency. (22A) The value of same placing each at $42.00. (22B) Data similar to 21B.

㉓ The number of Sheep in each constituency. (23A) The value of same placing each at $8.50. (23B) Data similar to 21B.

㉔ The number of Pigs in each constituency. (24A) The value of same placing each at $11.00. (24B) Data similar to 21B.

㉕ The number of bushels of Wheat in each constituency. (25A) The value of same, placing $0.90.5 as the value per bushel.

(25B) The percentage of the total value in the Province of this class in each constituency, also the percentage of the total annual output of all classes, Stock and Grain, represented by each constituency.

㉖ The number of bushels of Oats in each constituency. (26A) The value of same, placing $0.35.3 as the value per bushel.

(26B) Data similar to 25B.

㉗ The number of bushels of Barley in each constituency. (27A) The value of same, placing $0.50.6 as the value per bushel.

(27B) Data similar to 25B.

㉘ Cities. Constituency within which each lies is the same name as the city itself, excepting St. Boniface (see note below Nº 30) Population 1916, also 1911, and percentage of increase between dates.

㉙ Towns, Number, population and constituency, within which each town lies.

㉚ Incorporated Villages, number, population and constituency within which each village lies.

㉛ Graph of Railways, showing mileage of each line of railway in each constituency, the percentage that such mileage is of the whole mileage in each constituencie, and also the mileage and percentage of each road within the whole Province.

㉜ Note regarding Indian Population.

㉝ Note regarding Flax production.

㉞ Note regarding Rye production.

㉟ Note regarding all grains excepting wheat, oats, barley, flax and rye.

㊱ Note regarding Forage Crops.

The annual output is arrived at as follows :– 25% of the value of Horses and Cattle, 50% of Sheep, and 80% of Pigs, 100% of the Grains, as per Nos 21A to 27A, also Nos 33 and 34.

## MANITOBA CENSUS JUNE 1916, Grain Output 1915.
Subject index, giving Graph Numbers.

**Population**

Whole. Also in each constituencie and percentage of increase over 1911. Nº 14. Rural. Also in each constituency and percentage of increase over 1911. Nº 1 & 15. Rural, number of acres available for settlement in each constituency and for each unit of rural population, Nº 17. Rural, Number of acres in crop in each constituency for each unit of rural population, also % increase over 1911 for the whole constituency. Nº 18. Cities. Nos 28 & 14. Towns, Nos 29 & 14. Villages Nos 30 & 14. Indians, Nº 32.

**Areas in each Constituency**

Wheat represented by "W." Nos 2-13 incl. Oats represented by "O." Nos 2-13 incl. Barley represented by "B." Nos 2-13 incl. Other Grains represented by "X" Nos 10, 11 & 12.
Allotted to Horses represented by "H." Nos 2-13 incl. Allotted to Cattle represented by "C." Nos 2-13 incl. Allotted to Sheep represented by "S." Nos 2-13 incl. Allotted to Pigs represented by "P." Nos 2-13.
Notes:– For Horses 5 acres, each head of Cattle 4 acres. Sheep and Pigs, one acre each.
Area in acres available for settlement in each constituency for each unit of rural population Nº 17. Area in acres of crop for each unit of rural pop. in each constituency, also % increase over 1911 Nº 18.

**Amount or Quantity**

Note:– Total output is obtained by adding together 25% of the value of Horses & Cattle 50% sheep, 80% pigs, as given in Nos 21A, 22A, 23A, 24A and the total value of grains as in Nos 25A, 26A, 27A, 33 & 34.
Wheat, acres, bushels per acre, Nº 25. Total amount and total value @ 90.5¢ per bushel, Nº 25A. Percentage in value that wheat in each constituency is of the whole Province & of total annual output, Nº 25B.
Oats, " " " Nº 26. " " " " 35.3¢ " " Nº 26A. " " " oats " " " " " " Nº 26B.
Barley, " " " Nº 27. " " " " 50.6¢ " " Nº 27A. " " " barley " " " " " " Nº 27B.
Horses, Total number in each constituency Nº 21. Total value @ $100 each Nº 21A. Percentage that Horses in each constituency is of the whole Province and of total annual output 21B.
Cattle, " " " Nº 22 " " $42.00 " Nº 22A " " Cattle " " " " " " 22B.
Sheep, " " " Nº 23 " " $8.50 " Nº 23A " " Sheep " " " " " " 23B.
Pigs, " " " Nº 24 " " $11.00 " Nº 24A " " Pigs " " " " " " 24B.
Total annual output of grain and Stock for each constituency, showing also per capita based on total population and of rural population in each constituency. Also value per acre based on acreage available for settlement. Also value per mile of railway, based on railway mileage in each constituency. Nº 19.
Mileage, railways in operation in each constituency & % it is of total mileage of Province. Also % which the area available for settlement is of whole area in Province so available, For further details see also Graphs 20 & 31.
Same data as above based on sq. miles & also rural population per mile of railway and sq. mile of area, Nº 20A.
Flax, % in value of total output Nº 33. Rye, % in value of total output Nº 34. Other Grains % in value of total output, 35. Forage Crops % in value of total output Nº 36.

**Percentages**

Percentage of whole area of Province now occupied, based on 10 rural population to one square mile. Nº 1.
Percentage of whole area of each constituency now occupied, based on 10 rural population to one square mile. Nº 1.
Percentage of total lands available for settlement represented by each constituency Nº 16.
Percentage of increase of rural population 1911–1916 by each constituency and of the whole, Nº 15.

### ㉘ CITIES IN THE FOLLOWING CONSTITUENCIES

| Population | 1916 | 1911 | Percentage increase. |
|---|---|---|---|
| Brandon | 15.215 | 13.839 | 9.94 |
| Dauphin | | | |
| Lisgar | | | |
| Macdonald | | | |
| Marquette | | | |
| Neepawa | | | |
| Nelson | | | |
| Portage la Prairie | 5.879 | 5.892 | –.22 |
| Provencher | | | |
| Selkirk | | | |
| Souris | | | |
| Springfield | 1.653 | 1.112 | 47.32 |
| Winnipeg C.<br>Winnipeg N.<br>Winnipeg S. | 176.230 | 140.110 | 25.78 |
| Total | See note below Graph 30. | | |

### ㉙ TOWNS 1916
TOWNS IN THE FOLLOWING CONSTITUENCIES

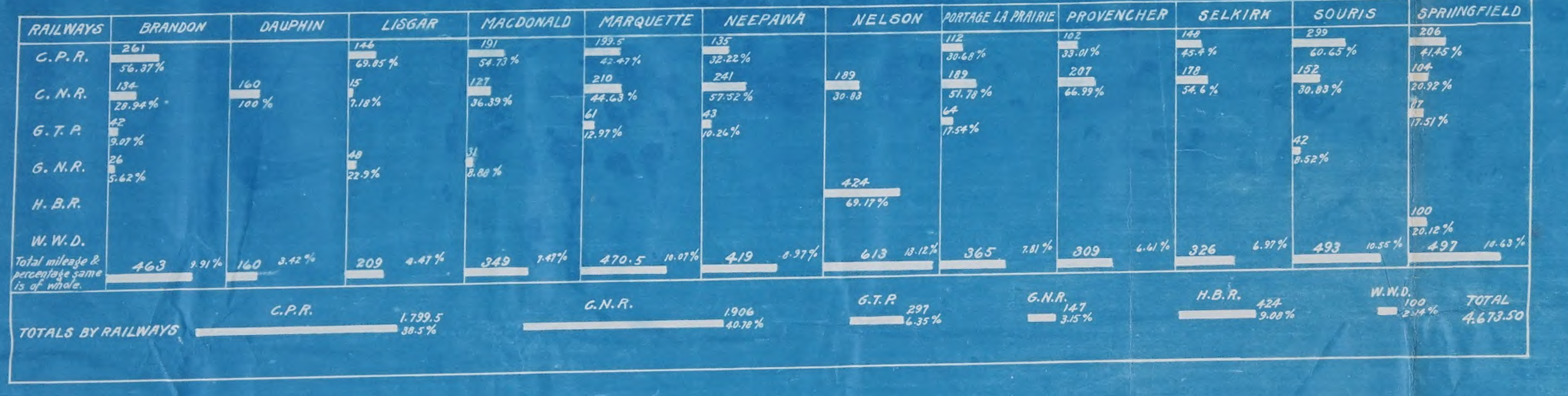
| Constituencies | Population | Number |
|---|---|---|
| Brandon | 4.643 | 4 |
| Dauphin | 3.808 | 2 |
| Lisgar | 1.261 | 1 |
| Macdonald | 1.426 | 1 |
| Marquette | 3.823 | 4 |
| Neepawa | 3.602 | 3 |
| Nelson | 1.832 | 2 |
| Portage la Prairie | .192 | 1 |
| Provencher | 1.757 | 2 |
| Selkirk | 4.551 | 2 |
| Souris | 4.208 | 5 |
| Springfield | 4.235 | 2 |
| Total | 35.338 | 29 |

### ㉚ VILLAGES INCORPORATED 1916
VILLAGES IN THE FOLLOWING CONSTITUENCIES.

| Constituencies | Population | Number |
|---|---|---|
| Brandon | 1.375 | 3 |
| Dauphin | 1.079 | 2 |
| Lisgar | 2.607 | 5 |
| Macdonald | 1.123 | 3 |
| Marquette | 2.183 | 5 |
| Neepawa | | |
| Nelson | | |
| Portage la Prairie | 654 | 1 |
| Provencher | | |
| Selkirk | 764 | 2 |
| Souris | 347 | 1 |
| Springfield | 429 | 1 |
| Total | | |

In the constituencies of Winnipeg and Springfield is the city of St. Boniface, which in 1916 had a population, 11.021; in 1911 7.483; an increase of 47.3% of that it is estimated 1.653 lies in Springfield.

### ㉛ Mileage of each Railway also Total Mileage in each of the 12 Rural Constituencies with percentage of mileage in each.
Scale:– 1" = 500 miles.



| RAILWAYS | BRANDON | DAUPHIN | LISGAR | MACDONALD | MARQUETTE | NEEPAWA | NELSON | PORTAGE LA PRAIRIE | PROVENCHER | SELKIRK | SOURIS | SPRINGFIELD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C.P.R. | 261<br>56.37% | | 146<br>69.85% | 191<br>54.73% | 199.5<br>42.47% | 135<br>32.22% | | 112<br>30.68% | 102<br>33.01% | 148<br>45.4% | 299<br>60.65% | 206<br>41.45% |
| C.N.R. | 134<br>28.94% | 160<br>100% | 15<br>7.18% | 127<br>36.39% | 210<br>44.63% | 241<br>57.52% | 189<br>30.83 | 189<br>51.78% | 207<br>66.99% | 178<br>54.6% | 152<br>30.83% | 104<br>20.92% |
| G.T.P. | 42<br>9.07% | | | | 61<br>12.97% | 43<br>10.26% | | 64<br>17.54% | | | | 87<br>17.51% |
| G.N.R. | 26<br>5.62% | | 48<br>22.9% | 31<br>8.88% | | | | | | | 42<br>8.52% | |
| H.B.R. | | | | | | | 424<br>69.17% | | | | | |
| W.W.D. | | | | | | | | | | | | 100<br>20.12% |
| Total mileage & percentage same is of whole. | 463 9.91% | 160 3.42% | 209 4.47% | 349 7.47% | 470.5 10.07% | 419 8.97% | 613 13.12% | 365 7.81% | 309 6.61% | 326 6.97% | 493 10.55% | 497 10.63% |

TOTALS BY RAILWAYS

| C.P.R. | G.N.R. | G.T.P. | G.N.R. | H.B.R. | W.W.D. | TOTAL |
|---|---|---|---|---|---|---|
| 1.799.5<br>38.5% | 1906<br>40.78% | 297<br>6.35% | 147<br>3.15% | 424<br>9.08% | 100<br>2.14% | 4.673.50 |

### ㉜ Indian Population
Data not sufficient to enable the seperating of the Indians from the balance. They are included in the totals, therefore they have been included in the rural. They are fairly proportionately distributed throughout the various constituencies.

### ㉝ Flax
Flax constitutes .18% of total annual output, or $193,248 being 14,504 acres and production 120,179 bushels. Of that

| | | acreage and | | bushels of total. |
|---|---|---|---|---|
| Brandon | has | 10.69% | | 13.09% |
| Lisgar | " | 29.85% | " " | 32.97% |
| Neepawa | " | 5.96% | " " | 6.02% |
| Provencher | " | 9.39% | " " | 9.39% |
| Souris | " | 27.21% | " " | 26.33% |
| leaving | | 13.27% | " " | 12.20% |

scattered among the remaining seven rural constituencies.

### ㉞ Rye
Rye constitutes .16% of total annual output, or $167.088 being 11.507 acres and production 207.573 bushels. Of that

| | | acreage and | | bushels of total |
|---|---|---|---|---|
| Lisgar | has | 9.05% | | 9.65% |
| Macdonald | " | 9.83% | " " | 10.35% |
| Provencher | " | 33.32% | " " | 26.86% |
| Souris | " | 13.40% | " " | 15.01% |
| Springfield | " | 9.33% | " " | 9.90% |
| leaving | | 25.07% | " " | 28.23% |

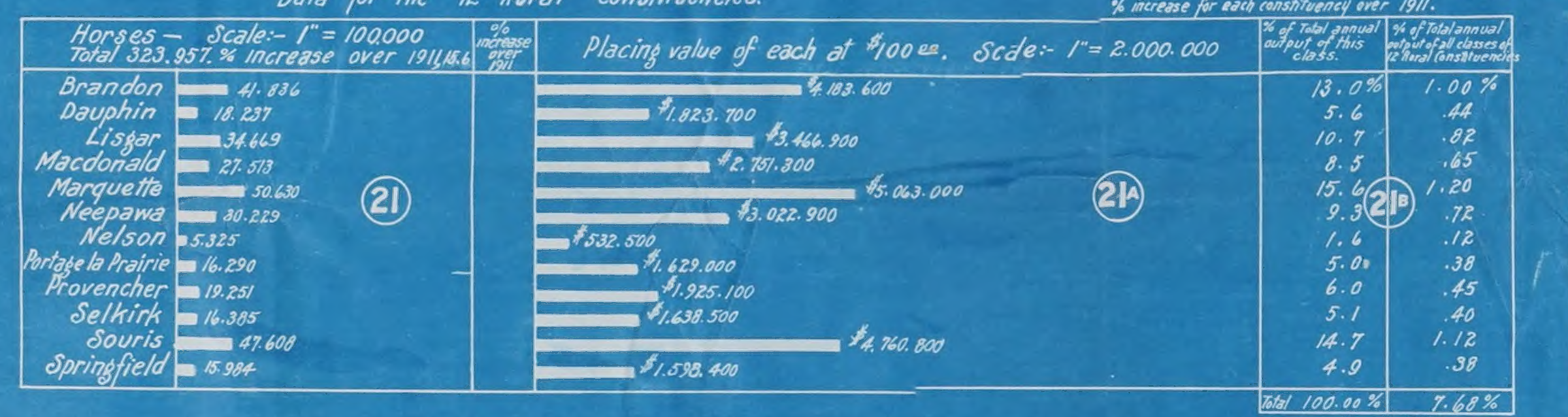
scattered among the remaining seven rural constituencies.

### ㉟ All Other Grains excepting Grass Seed.
Total $64.120 or .06% of whole, being 1.508 acres and 33.279 bushels.

### ㊱ Forage Crops
The census return gives in Forage Crops 225.966 acres, with a tonnage of 329.353, the valuation of same being $5.512.262. The forage crops seem to be fairly evenly distributed among the 12 rural constituencies.
There is no acreage given for prairie hay,–wellnigh impossible to obtain with any precision. The tonnage is 536,386. Its valuation is included no doubt with that of Hay and Clover, the latter is 86.800 tons, making in all 623.186 tons, with a valuation of $3.604.383, being $5.78 per ton.
Alfalfa does not represent a very large amount, viz. 3,671 acres, 5,345 tons or 1.45 tons per acre, at a valuation of $60.981, or $11.40 per ton.
Potatoes and Roots. Outside of potatoes of which the output of the Province is 29.403 acres. 2.546.981 bushels, or 87 bushels per acre, the root output is small, the chief item being turnips, of which the acreage is 994, and 255.918 bushels, the total acreage being 1.630 & 407.939 bushels.
Sugar Beets; 126 acres given as 9 tons per acre, other field roots 990 acres at 7.6 tons per acre, onions 147 bushels per acre, and mangels 274 bushels per acre.

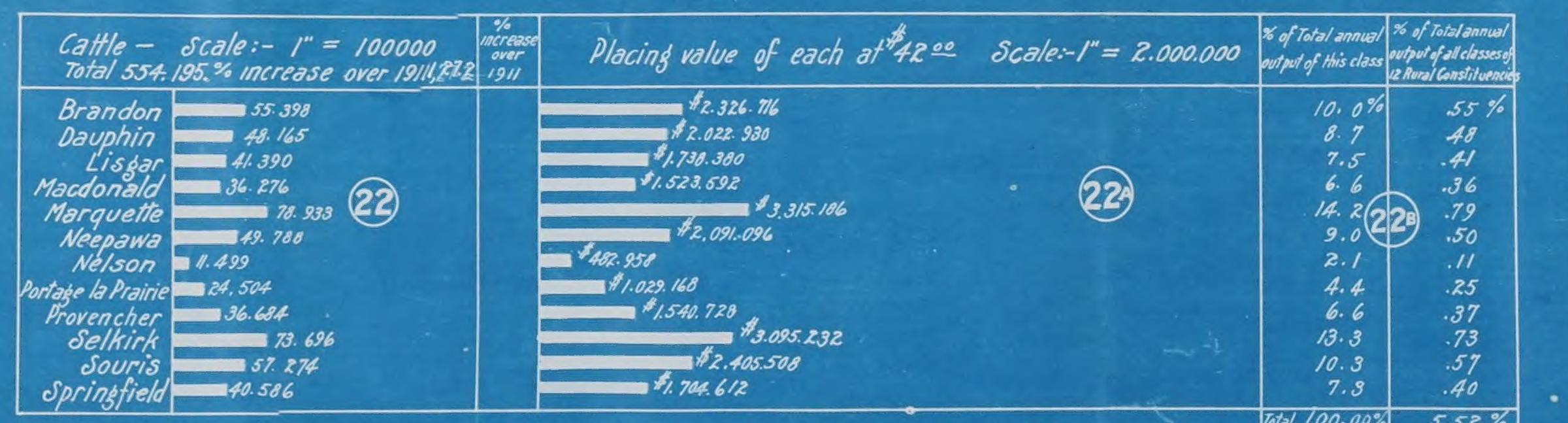
### Data for the 12 Rural Constituencies.

Not sufficient data yet available to ascertain the % increase for each constituency over 1911.



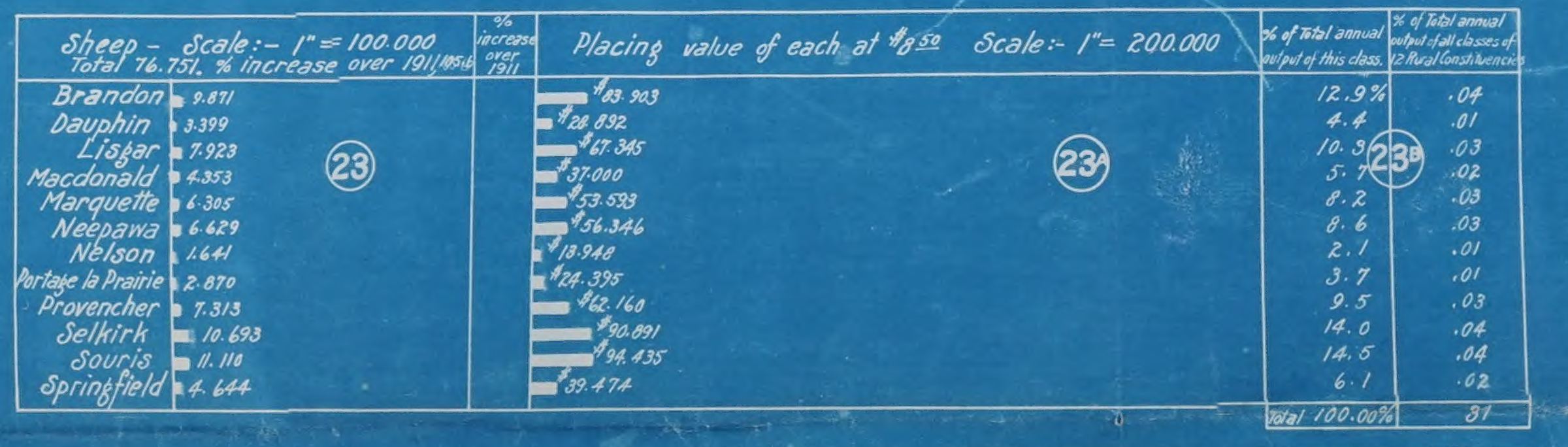
Horses — Scale:– 1" = 100.000. Total 323.957. % increase over 1911, 15.6. Placing value of each at $100.00. Scale:– 1" = 2.000.000

| ㉑ | % increase over 1911 | (21A) | (21B) % of Total annual output of this class. | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|
| Brandon 41.836 | | $4.183.600 | 13.0% | 1.00% |
| Dauphin 18.237 | | $1.823.700 | 5.6 | .44 |
| Lisgar 34.669 | | $3.466.900 | 10.7 | .82 |
| Macdonald 27.513 | | $2.751.300 | 8.5 | .65 |
| Marquette 50.630 | | $5.063.000 | 15.6 | 1.20 |
| Neepawa 30.229 | | $3.022.900 | 9.3 | .72 |
| Nelson 5.325 | | $532.500 | 1.6 | .12 |
| Portage la Prairie 16.290 | | $1.629.000 | 5.0 | .38 |
| Provencher 19.251 | | $1.925.100 | 6.0 | .45 |
| Selkirk 16.385 | | $1.638.500 | 5.1 | .40 |
| Souris 47.608 | | $4.760.800 | 14.7 | 1.12 |
| Springfield 15.984 | | $1.598.400 | 4.9 | .38 |
| | | | Total 100.00% | 7.68% |



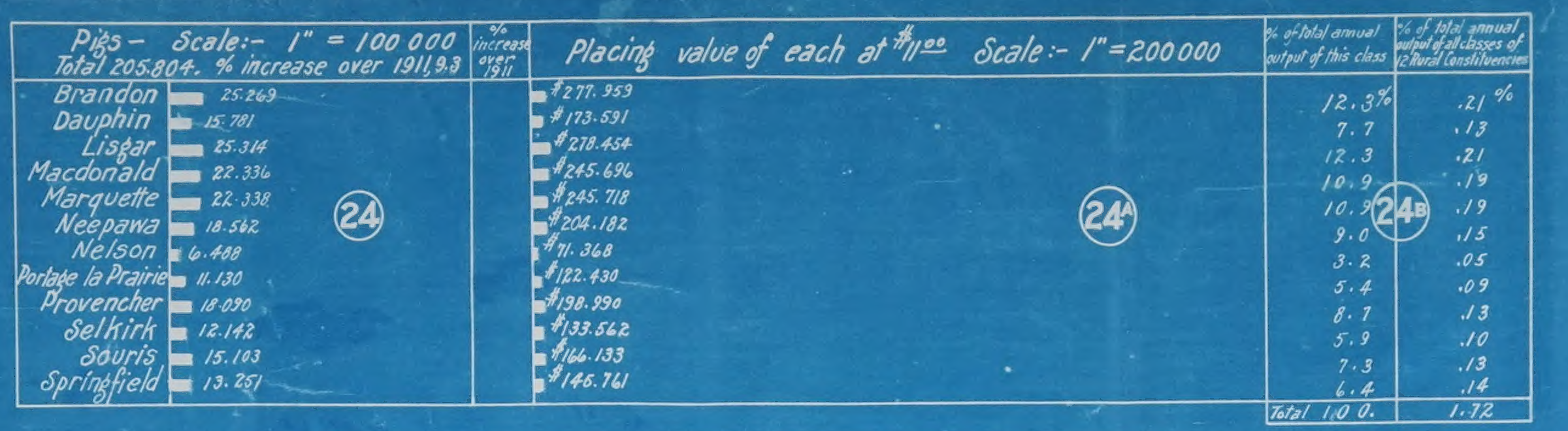
Cattle — Scale:– 1" = 100000. Total 554.195. % increase over 1911, 27.2. Placing value of each at $42.00 Scale:– 1" = 2.000.000

| ㉒ | % increase over 1911 | (22A) | (22B) % of Total annual output of this class | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|
| Brandon 55.398 | | $2.326.716 | 10.0% | .55% |
| Dauphin 48.165 | | $2.022.930 | 8.7 | .48 |
| Lisgar 41.390 | | $1.738.380 | 7.5 | .41 |
| Macdonald 36.276 | | $1.523.592 | 6.6 | .36 |
| Marquette 78.933 | | $3.315.186 | 14.2 | .79 |
| Neepawa 49.788 | | $2.091.096 | 9.0 | .50 |
| Nelson 11.499 | | $482.958 | 2.1 | .11 |
| Portage la Prairie 24.504 | | $1.029.168 | 4.4 | .25 |
| Provencher 36.684 | | $1.540.728 | 6.6 | .37 |
| Selkirk 73.696 | | $3.095.232 | 13.3 | .73 |
| Souris 57.274 | | $2.405.508 | 10.3 | .57 |
| Springfield 40.586 | | $1.704.612 | 7.3 | .40 |
| | | | Total 100.00% | 5.52% |



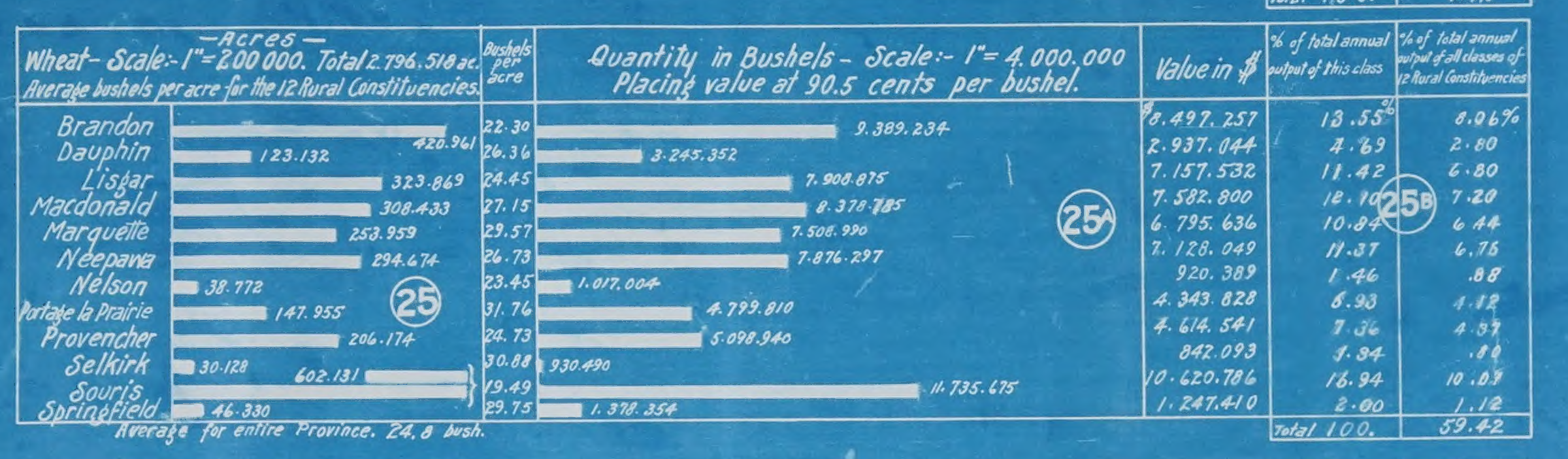
Sheep — Scale:– 1" = 100.000. Total 76.751. % increase over 1911, 105.6. Placing value of each at $8.50 Scale:– 1" = 200.000

| ㉓ | % increase over 1911 | (23A) | (23B) % of Total annual output of this class. | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|
| Brandon 9.871 | | $83.903 | 12.9% | .04 |
| Dauphin 3.399 | | $28.892 | 4.4 | .01 |
| Lisgar 7.923 | | $67.345 | 10.3 | .03 |
| Macdonald 4.353 | | $37.000 | 5.7 | .02 |
| Marquette 6.305 | | $53.593 | 8.2 | .03 |
| Neepawa 6.629 | | $56.346 | 8.6 | .03 |
| Nelson 1.641 | | $13.948 | 2.1 | .01 |
| Portage la Prairie 2.870 | | $24.395 | 3.7 | .01 |
| Provencher 7.313 | | $62.160 | 9.5 | .03 |
| Selkirk 10.693 | | $90.891 | 14.0 | .04 |
| Souris 11.110 | | $94.435 | 14.5 | .04 |
| Springfield 4.644 | | $39.474 | 6.1 | .02 |
| | | | Total 100.00% | .31 |



Pigs — Scale:– 1" = 100 000. Total 205.804. % increase over 1911, 9.3. Placing value of each at $11.00 Scale:– 1" = 200000

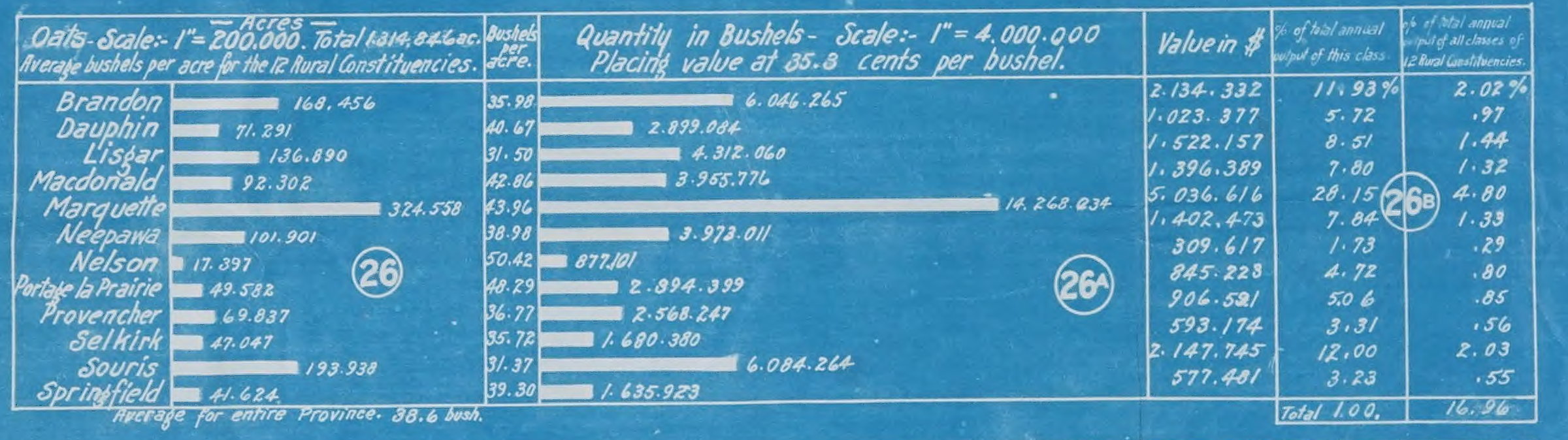
| ㉔ | % increase over 1911 | (24A) | (24B) % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|
| Brandon 25.269 | | $277.959 | 12.3% | .21% |
| Dauphin 15.781 | | $173.591 | 7.7 | .13 |
| Lisgar 25.314 | | $278.454 | 12.3 | .21 |
| Macdonald 22.336 | | $245.696 | 10.9 | .19 |
| Marquette 22.338 | | $245.718 | 10.9 | .19 |
| Neepawa 18.562 | | $204.182 | 9.0 | .15 |
| Nelson 6.488 | | $71.368 | 3.2 | .05 |
| Portage la Prairie 11.130 | | $122.430 | 5.4 | .09 |
| Provencher 18.090 | | $198.990 | 8.7 | .13 |
| Selkirk 12.142 | | $133.562 | 5.9 | .10 |
| Souris 15.103 | | $166.133 | 7.3 | .13 |
| Springfield 13.251 | | $145.761 | 6.4 | .14 |
| | | | Total 1.00. | 1.72 |



Wheat — Acres — Scale:– 1" = 200 000. Total 2.796.518 ac. Average bushels per acre for the 12 Rural Constituencies. Quantity in Bushels – Scale:– 1" = 4.000.000 Placing value at 90.5 cents per bushel.

| ㉕ Acres | Bushels per acre | (25A) Quantity in Bushels | Value in $ | (25B) % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon 420.961 | 22.30 | 9.389.234 | $8.497.257 | 13.55% | 8.06% |
| Dauphin 123.132 | 26.36 | 3.245.352 | 2.937.044 | 4.69 | 2.80 |
| Lisgar 323.869 | 24.45 | 7.908.875 | 7.157.532 | 11.42 | 6.80 |
| Macdonald 308.433 | 27.15 | 8.378.785 | 7.582.800 | 12.10 | 7.20 |
| Marquette 253.959 | 29.57 | 7.508.990 | 6.795.636 | 10.84 | 6.44 |
| Neepawa 294.674 | 26.73 | 7.876.297 | 7.128.049 | 11.37 | 6.76 |
| Nelson 38.772 | 23.45 | 1.017.004 | 920.389 | 1.46 | .88 |
| Portage la Prairie 147.955 | 31.76 | 4.799.810 | 4.343.828 | 6.93 | 4.12 |
| Provencher 206.174 | 24.73 | 5.098.940 | 4.614.541 | 7.36 | 4.37 |
| Selkirk 30.128 | 30.88 | 930.490 | 842.093 | 1.34 | .80 |
| Souris 602.131 | 19.49 | 11.735.675 | 10.620.786 | 16.94 | 10.07 |
| Springfield 46.330 | 29.75 | 1.378.354 | 1.247.410 | 2.00 | 1.12 |
| | | | | Total 100. | 59.42 |

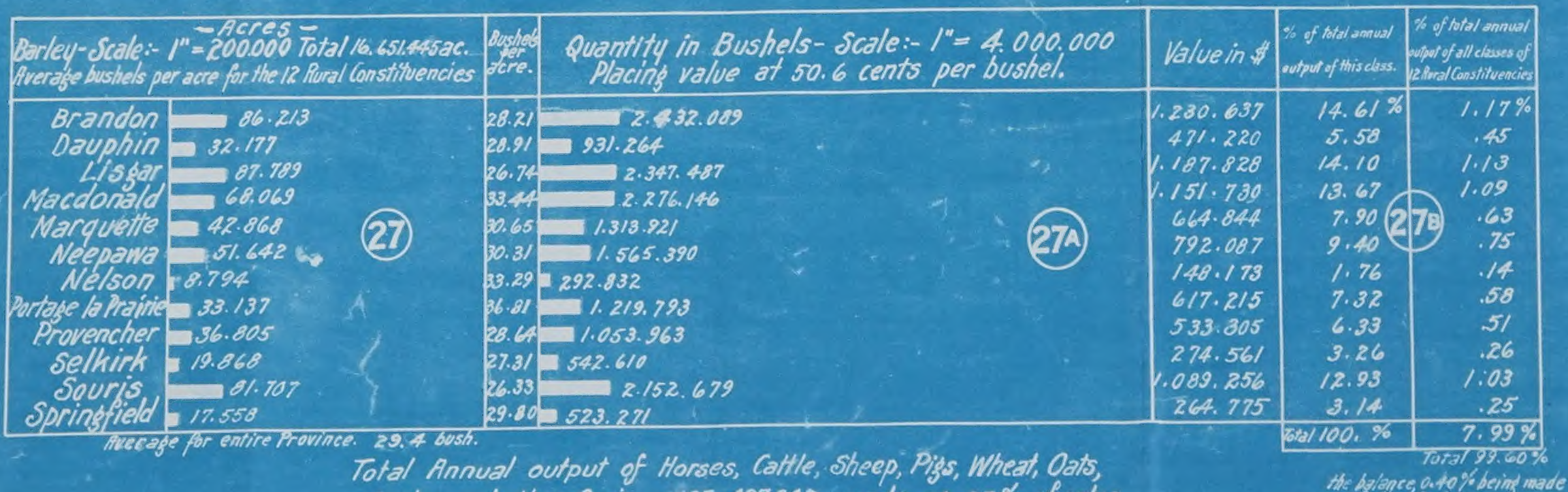
Average for entire Province. 24.8 bush.



Oats — Acres — Scale:– 1" = 200.000. Total 1.314.846 ac. Average bushels per acre for the 12 Rural Constituencies. Quantity in Bushels – Scale:– 1" = 4.000.000 Placing value at 35.3 cents per bushel.

| ㉖ Acres | Bushels per acre. | (26A) Quantity in Bushels | Value in $ | (26B) % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies. |
|---|---|---|---|---|---|
| Brandon 168.456 | 35.98 | 6.046.265 | 2.134.332 | 11.93% | 2.02% |
| Dauphin 71.291 | 40.67 | 2.899.084 | 1.023.377 | 5.72 | .97 |
| Lisgar 136.890 | 31.50 | 4.312.060 | 1.522.157 | 8.51 | 1.44 |
| Macdonald 92.302 | 42.86 | 3.955.776 | 1.396.389 | 7.80 | 1.32 |
| Marquette 324.558 | 43.96 | 14.268.034 | 5.036.616 | 28.15 | 4.80 |
| Neepawa 101.901 | 38.98 | 3.973.011 | 1.402.473 | 7.84 | 1.33 |
| Nelson 17.397 | 50.42 | 877.101 | 309.617 | 1.73 | .29 |
| Portage la Prairie 49.582 | 48.29 | 2.394.399 | 845.223 | 4.72 | .80 |
| Provencher 69.837 | 36.77 | 2.568.247 | 906.531 | 5.06 | .85 |
| Selkirk 47.047 | 35.72 | 1.680.380 | 593.174 | 3.31 | .56 |
| Souris 193.938 | 31.37 | 6.084.264 | 2.147.745 | 12.00 | 2.03 |
| Springfield 41.624 | 39.30 | 1.635.923 | 577.481 | 3.23 | .55 |
| | | | | Total 1.00. | 16.96 |

Average for entire Province. 38.6 bush.



Barley — Acres — Scale:– 1" = 200000 Total 16.651.445 ac. Average bushels per acre for the 12 Rural Constituencies. Quantity in Bushels – Scale:– 1" = 4.000.000 Placing value at 50.6 cents per bushel.

| ㉗ Acres | Bushels per acre. | (27A) Quantity in Bushels | Value in $ | (27B) % of total annual output of this class. | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon 86.213 | 28.21 | 2.432.089 | 1.230.637 | 14.61% | 1.17% |
| Dauphin 32.177 | 28.91 | 931.264 | 471.220 | 5.58 | .45 |
| Lisgar 87.789 | 26.74 | 2.347.487 | 1.187.828 | 14.10 | 1.13 |
| Macdonald 68.069 | 33.44 | 2.276.146 | 1.151.730 | 13.67 | 1.09 |
| Marquette 42.868 | 30.65 | 1.313.921 | 664.844 | 7.90 | .63 |
| Neepawa 51.642 | 30.31 | 1.565.390 | 792.087 | 9.40 | .75 |
| Nelson 8.794 | 33.29 | 292.832 | 148.173 | 1.76 | .14 |
| Portage la Prairie 33.137 | 36.81 | 1.219.793 | 617.215 | 7.32 | .58 |
| Provencher 36.805 | 28.64 | 1.053.963 | 533.305 | 6.33 | .51 |
| Selkirk 19.868 | 27.31 | 542.610 | 274.561 | 3.26 | .26 |
| Souris 81.707 | 26.33 | 2.152.679 | 1.089.256 | 12.93 | 1.03 |
| Springfield 17.558 | 29.80 | 523.271 | 264.775 | 3.14 | .25 |
| | | | | Total 100. % | 7.99% |

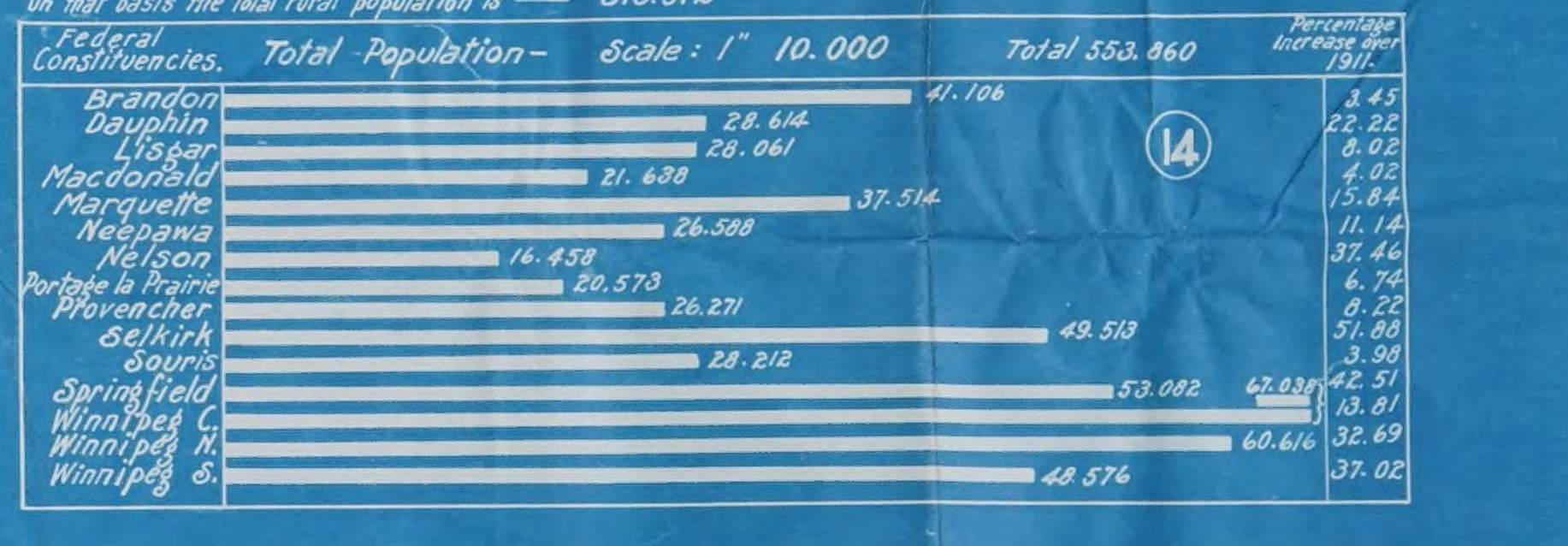
Average for entire Province. 29.4 bush.

Total 99.60% the balance, 0.40% being made up of other Grains.

Total Annual output of Horses, Cattle, Sheep, Pigs, Wheat, Oats, Barley and other Grains = 105.487.842 made up 25% of value of Horses and Cattle, 50% of Sheep, 80% of Pigs and Grain at value given.

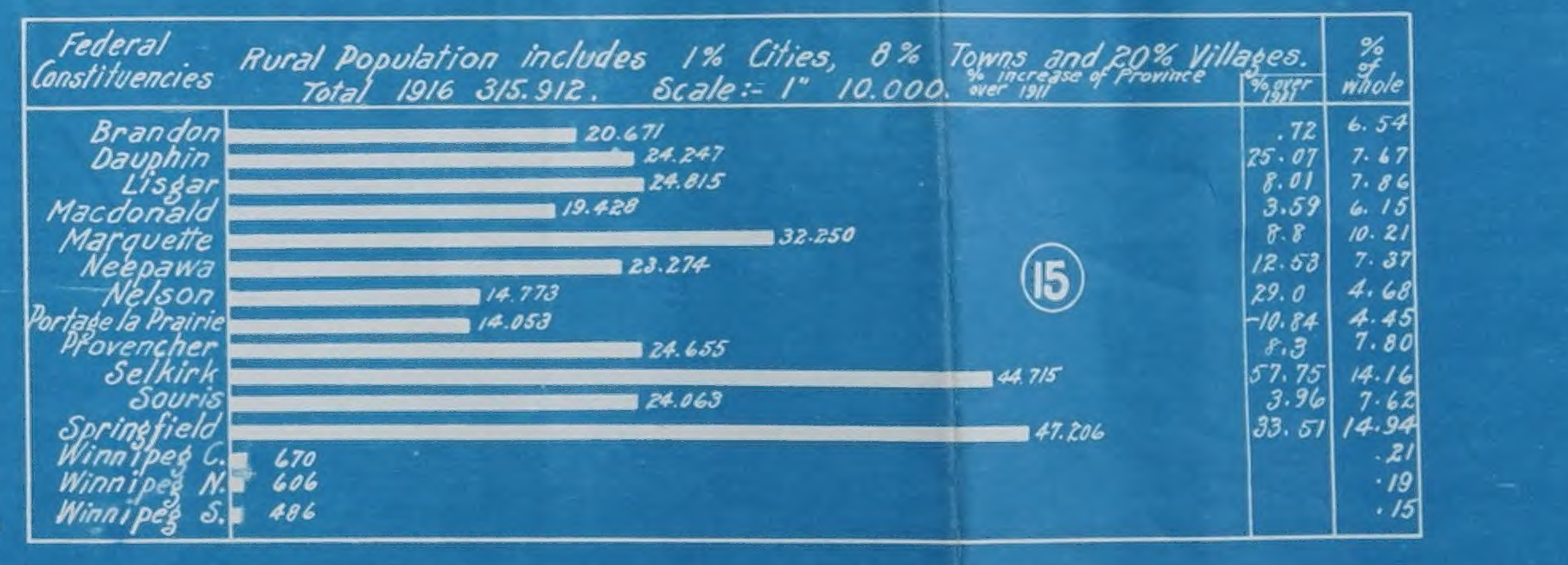
### MANITOBA

| CENSUS | 1916 | 1911 | % of INCREASE |
|---|---|---|---|
| Total Population – | 553.860 | 461.630 | 19.98 |
| Cities, Towns and Villages – | 244.876 | | |
| Assuming 1% of Cities, 8% of Towns and 20% of incorporated Villages within each constituency as rural, On that basis the total rural population is —— | 315.912 | | |



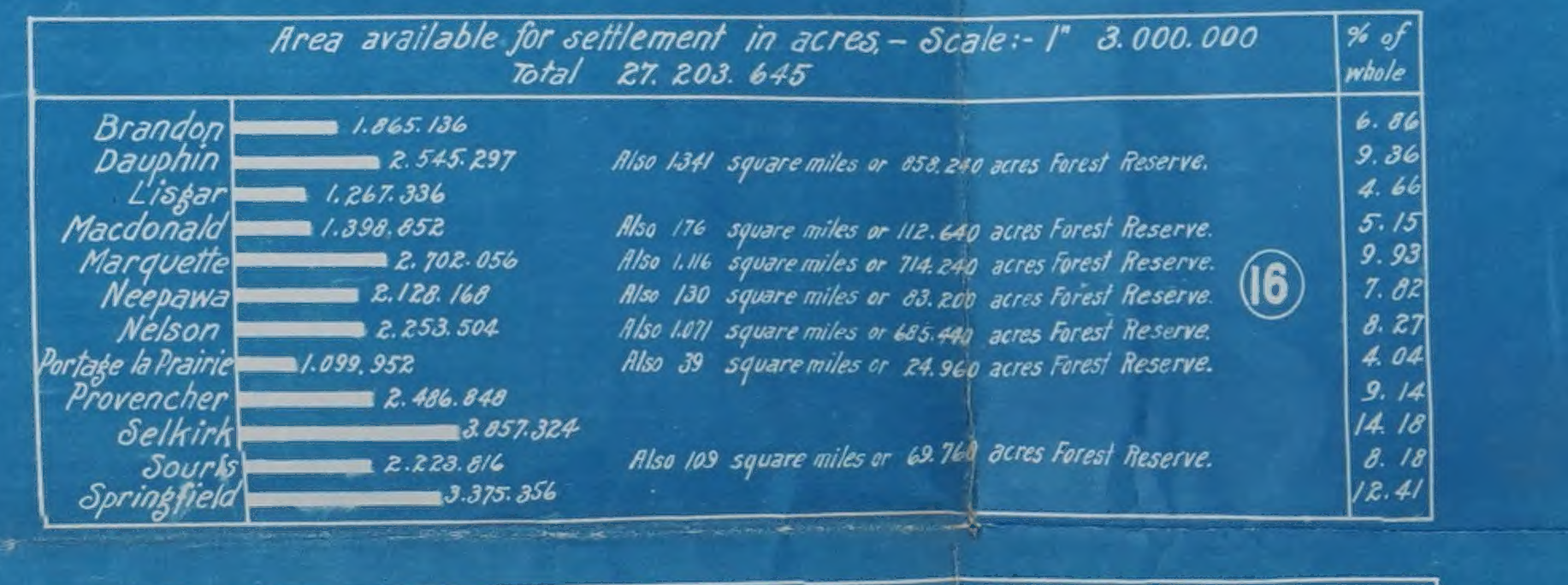
Federal Constituencies. Total Population – Scale: 1" 10.000 Total 553.860

| ⑭ | Total Population | Percentage Increase over 1911. |
|---|---|---|
| Brandon | 41.106 | 3.45 |
| Dauphin | 28.614 | 22.22 |
| Lisgar | 28.061 | 8.02 |
| Macdonald | 21.638 | 4.02 |
| Marquette | 37.514 | 15.84 |
| Neepawa | 26.588 | 11.14 |
| Nelson | 16.458 | 37.46 |
| Portage la Prairie | 20.573 | 6.74 |
| Provencher | 26.271 | 8.22 |
| Selkirk | 49.513 | 51.88 |
| Souris | 28.212 | 3.98 |
| Springfield | 53.082 | 42.51 |
| Winnipeg C.<br>Winnipeg N.<br>Winnipeg S. | 67.038<br>60.616<br>48.576 | 13.81<br>32.69<br>37.02 |



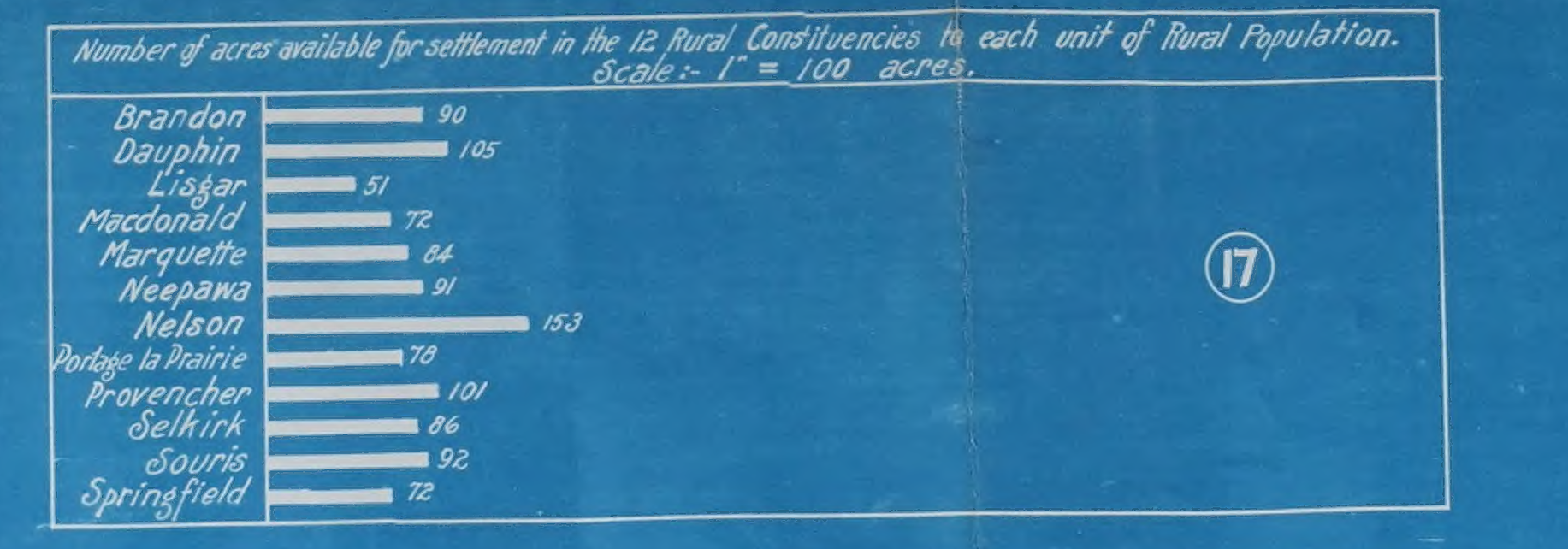
Federal Constituencies. Rural Population includes 1% Cities, 8% Towns and 20% Villages. Total 1916 315.912. Scale:– 1" 10.000.

| ⑮ | Rural Population | % increase of Province over 1911<br>% over 1911 | % of whole |
|---|---|---|---|
| Brandon | 20.671 | .72 | 6.54 |
| Dauphin | 24.247 | 25.07 | 7.67 |
| Lisgar | 24.815 | 8.01 | 7.86 |
| Macdonald | 19.428 | 3.59 | 6.15 |
| Marquette | 32.250 | 8.8 | 10.21 |
| Neepawa | 23.274 | 12.58 | 7.37 |
| Nelson | 14.773 | 29.0 | 4.68 |
| Portage la Prairie | 14.053 | –10.84 | 4.45 |
| Provencher | 24.655 | 8.3 | 7.80 |
| Selkirk | 44.715 | 57.75 | 14.16 |
| Souris | 24.063 | 3.96 | 7.62 |
| Springfield | 47.206 | 33.51 | 14.94 |
| Winnipeg C. | 670 | | .21 |
| Winnipeg N. | 606 | | .19 |
| Winnipeg S. | 486 | | .15 |



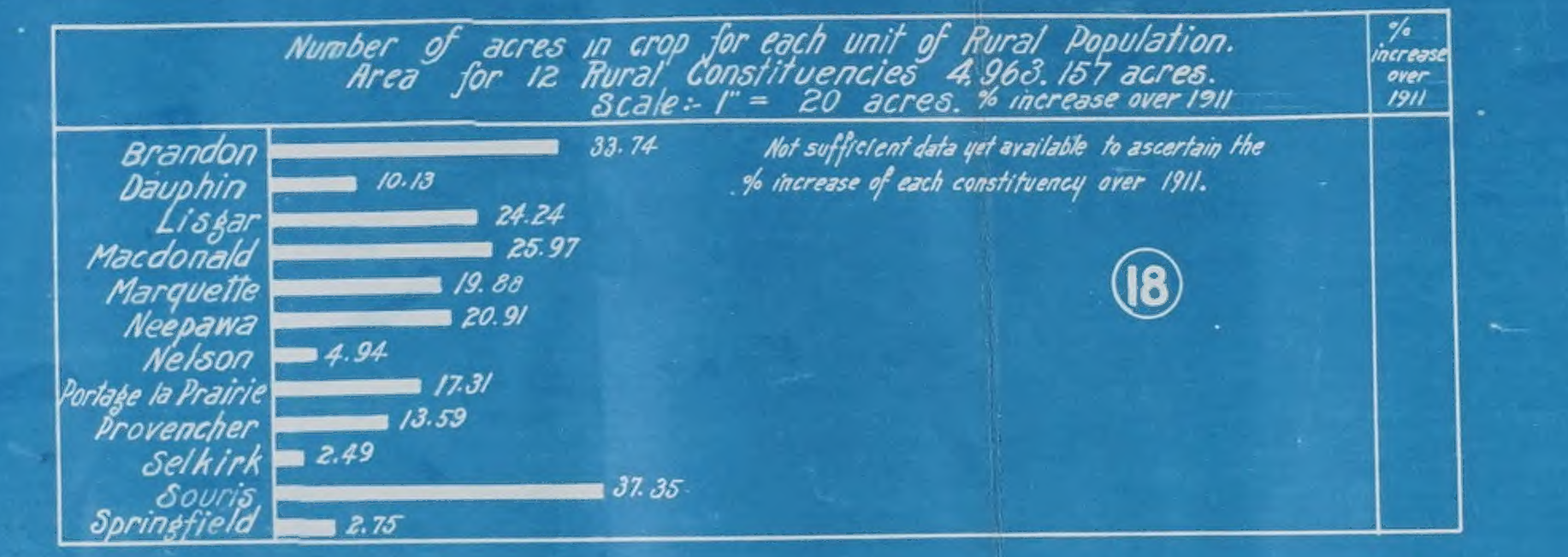
Area available for settlement in acres. – Scale:– 1" 3.000.000 Total 27.203.645

| ⑯ | Acres | | % of whole |
|---|---|---|---|
| Brandon | 1.865.136 | | 6.86 |
| Dauphin | 2.545.297 | Also 1341 square miles or 858.240 acres Forest Reserve. | 9.36 |
| Lisgar | 1.267.336 | | 4.66 |
| Macdonald | 1.398.652 | Also 176 square miles or 112.640 acres Forest Reserve. | 5.15 |
| Marquette | 2.702.056 | Also 1.116 square miles or 714.240 acres Forest Reserve. | 9.93 |
| Neepawa | 2.128.168 | Also 130 square miles or 83.200 acres Forest Reserve. | 7.82 |
| Nelson | 2.253.504 | Also 1.071 square miles or 685.440 acres Forest Reserve. | 8.27 |
| Portage la Prairie | 1.099.952 | Also 39 square miles or 24.960 acres Forest Reserve. | 4.04 |
| Provencher | 2.486.848 | | 9.14 |
| Selkirk | 3.857.324 | | 14.18 |
| Souris | 2.223.816 | Also 109 square miles or 69.760 acres Forest Reserve. | 8.18 |
| Springfield | 3.375.356 | | 12.41 |



Number of acres available for settlement in the 12 Rural Constituencies to each unit of Rural Population. Scale:– 1" = 100 acres.

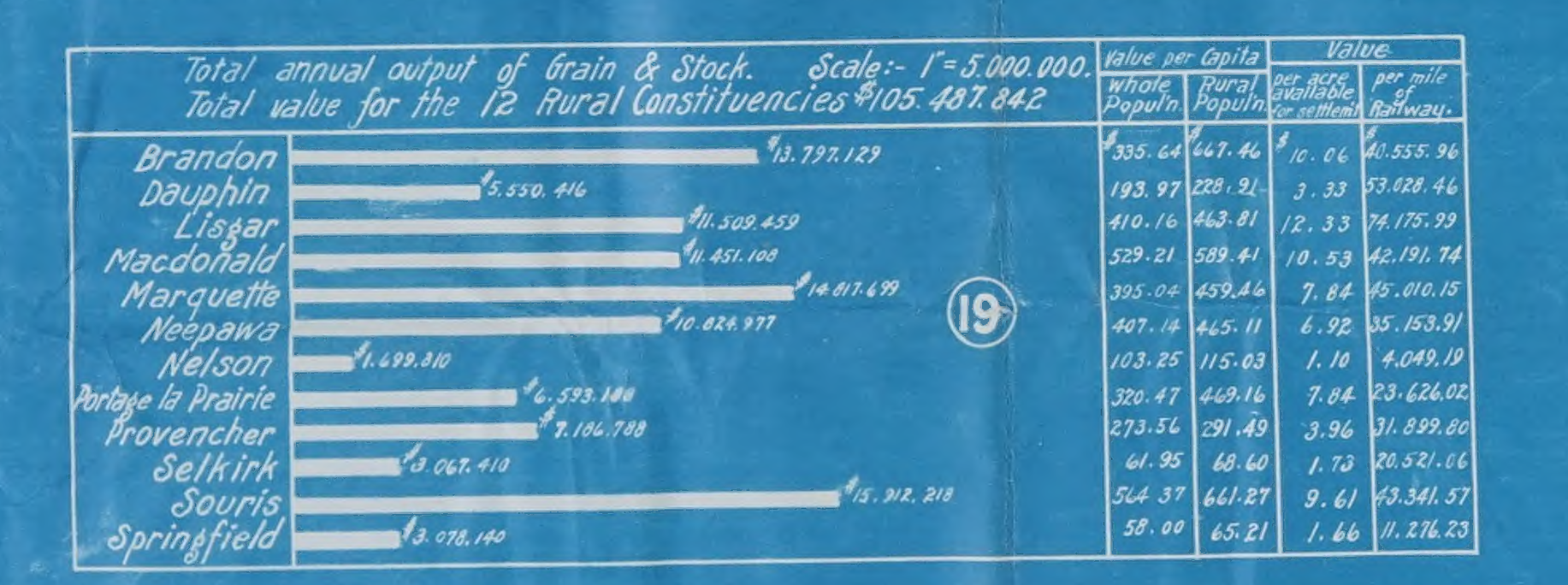
| ⑰ | Acres |
|---|---|
| Brandon | 90 |
| Dauphin | 105 |
| Lisgar | 51 |
| Macdonald | 72 |
| Marquette | 84 |
| Neepawa | 91 |
| Nelson | 153 |
| Portage la Prairie | 78 |
| Provencher | 101 |
| Selkirk | 86 |
| Souris | 92 |
| Springfield | 72 |



Number of acres in crop for each unit of Rural Population. Area for 12 Rural Constituencies 4.963.157 acres. Scale:– 1" = 20 acres. % increase over 1911

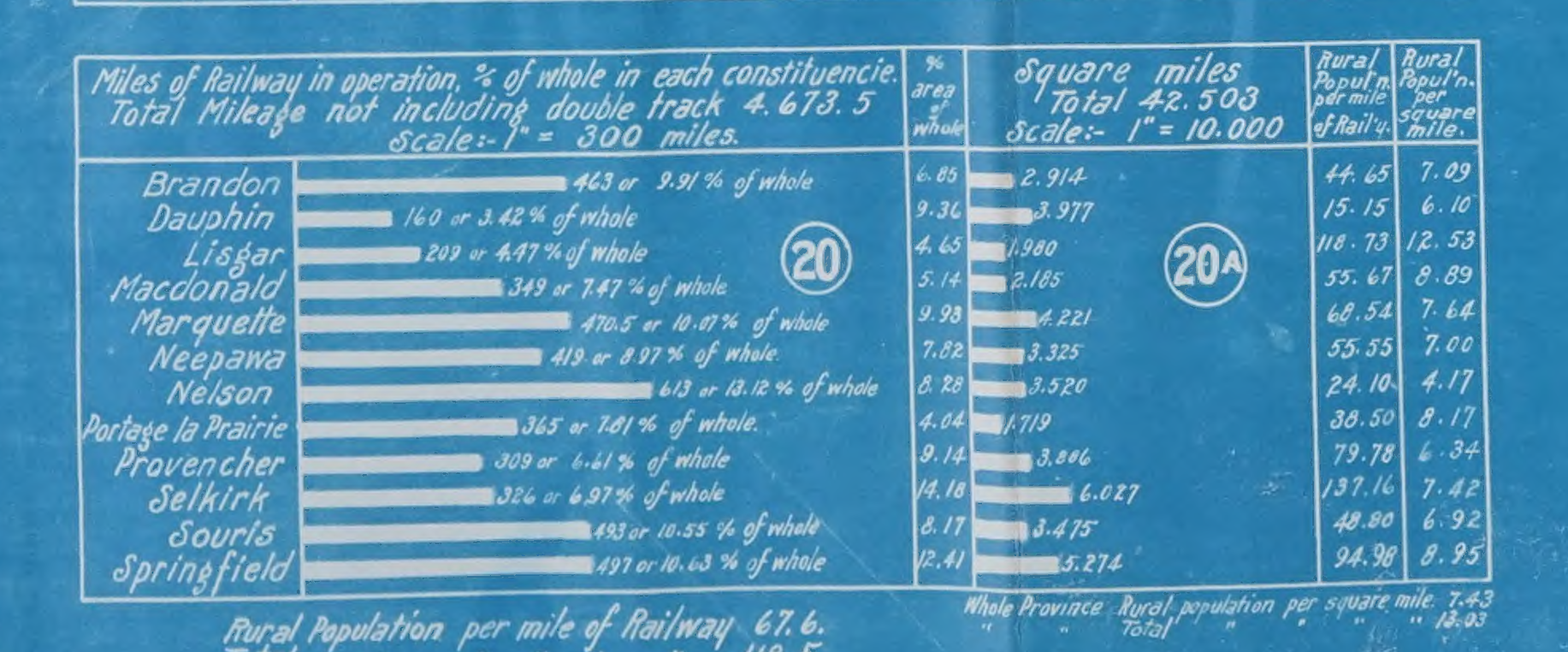
Not sufficient data yet available to ascertain the % increase of each constituency over 1911.

| ⑱ | Acres | % increase over 1911 |
|---|---|---|
| Brandon | 33.74 | |
| Dauphin | 10.13 | |
| Lisgar | 24.24 | |
| Macdonald | 25.97 | |
| Marquette | 19.88 | |
| Neepawa | 20.91 | |
| Nelson | 4.94 | |
| Portage la Prairie | 17.31 | |
| Provencher | 13.59 | |
| Selkirk | 2.49 | |
| Souris | 37.35 | |
| Springfield | 2.75 | |



Total annual output of Grain & Stock. Scale:– 1" = 5.000.000. Total value for the 12 Rural Constituencies $105.487.842

| ⑲ | Output | Value per Capita: whole Popul'n | Value per Capita: Rural Popul'n | Value: per acre available for settlem't | Value: per mile of Railway. |
|---|---|---|---|---|---|
| Brandon | $13.797.129 | $335.64 | $647.46 | $10.06 | $40.555.96 |
| Dauphin | $5.550.416 | 193.97 | 228.91 | 3.33 | 53.028.46 |
| Lisgar | $11.509.459 | 410.16 | 463.81 | 12.33 | 74.175.99 |
| Macdonald | $11.451.108 | 529.21 | 589.41 | 10.53 | 42.191.74 |
| Marquette | $14.817.699 | 395.04 | 459.46 | 7.84 | 45.010.15 |
| Neepawa | $10.824.977 | 407.14 | 465.11 | 6.92 | 35.153.91 |
| Nelson | $1.699.310 | 103.25 | 115.03 | 1.10 | 4.049.19 |
| Portage la Prairie | $6.593.188 | 320.47 | 469.16 | 7.84 | 23.626.02 |
| Provencher | $7.186.788 | 273.56 | 291.49 | 3.96 | 31.899.80 |
| Selkirk | $3.067.410 | 61.95 | 68.60 | 1.73 | 20.521.06 |
| Souris | $15.912.218 | 564.37 | 661.27 | 9.61 | 43.341.57 |
| Springfield | $3.078.140 | 58.00 | 65.21 | 1.66 | 11.276.23 |

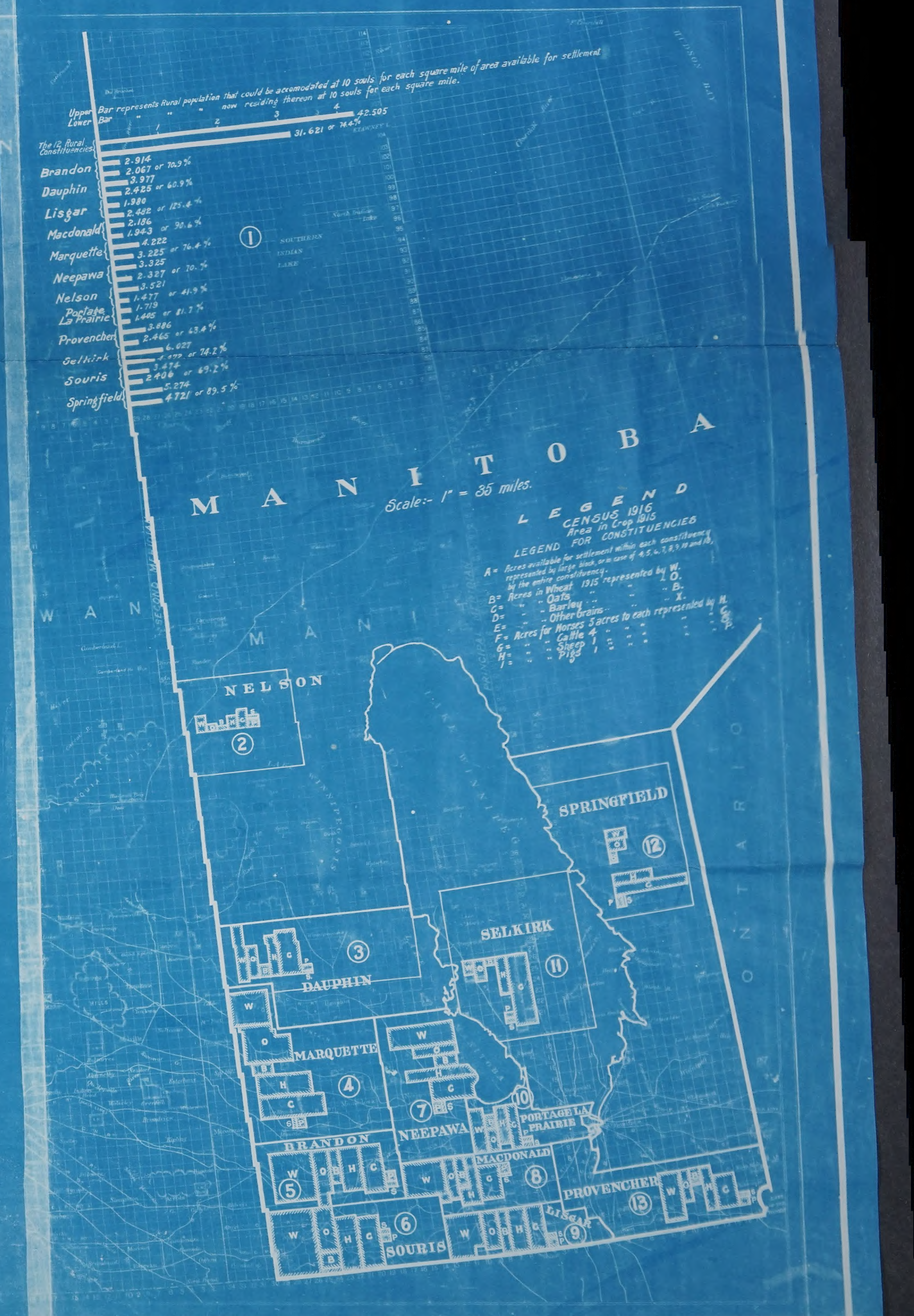


Miles of Railway in operation, % of whole in each constituencie. Total Mileage not including double track 4.673.5 Scale:– 1" = 300 miles.

| ⑳ | Miles | % area of whole | (20A) Square miles Total 42.503 Scale:– 1" = 10.000 | Rural Popul'n per mile of Rail'y. | Rural Popul'n per square mile. |
|---|---|---|---|---|---|
| Brandon | 463 or 9.91% of whole | 6.85 | 2.914 | 44.65 | 7.09 |
| Dauphin | 160 or 3.42% of whole | 9.36 | 3.977 | 15.15 | 6.10 |
| Lisgar | 209 or 4.47% of whole | 4.65 | 1.980 | 118.73 | 12.53 |
| Macdonald | 349 or 7.47% of whole | 5.14 | 2.165 | 55.67 | 8.89 |
| Marquette | 470.5 or 10.07% of whole | 9.93 | 4.221 | 68.54 | 7.64 |
| Neepawa | 419 or 8.97% of whole | 7.82 | 3.325 | 55.55 | 7.00 |
| Nelson | 613 or 13.12% of whole | 8.28 | 3.520 | 24.10 | 4.17 |
| Portage la Prairie | 365 or 7.81% of whole. | 4.04 | 1.719 | 38.50 | 8.17 |
| Provencher | 309 or 6.61% of whole | 9.14 | 3.886 | 79.78 | 6.34 |
| Selkirk | 326 or 6.97% of whole | 14.18 | 6.027 | 137.16 | 7.42 |
| Souris | 493 or 10.55% of whole | 8.17 | 3.475 | 48.80 | 6.92 |
| Springfield | 497 or 10.63% of whole | 12.41 | 5.274 | 94.98 | 8.95 |

Rural Population per mile of Railway 67.6.
Total " " " " " 118.5

Whole Province Rural population per square mile 7.43
" " Total " " " " 13.03



Compiled By W. PEARCE
Calgary, 20th July, 1917.

## MANITOBA CENSUS JUNE 1916
Grain Output of 1915

### Index to Blue-Print

① Shows the number of people the area available for settlement could accommodate at 10 persons per square mile (rural population) and what at the same density the present population requires. The upper bar representing the number of square miles available for settlement and the lower bar representing the area thereof occupied on the basis of 10 persons per square mile.

② Constituency of Nelson. ③ Constituency of Dauphin. ④ Constituency of Marquette. ⑤ Constituency of Brandon. ⑥ Constituency of Souris. ⑦ Constituency of Neepawa. ⑧ Constituency of Macdonald. ⑨ Constituency of Lisgar. ⑩ Constituency of Portage la Prairie. ⑪ Constituency of Selkirk. ⑫ Constituency of Springfield. ⑬ Constituency of Provencher.

In Graphs 2 to 13 are shown correctly the boundaries of each constituency, and in each constituency is shown the acreage occupied by Grains and Stock and have each been plotted to the same scale as the constituency. The area occupied by Wheat represented by "W," Barley by "B," Oats by "O," and Other Grains is represented by "X." On the basis of 5 acres for each Horse, acres required represented by "H;" on the basis of 4 acres for each head of Cattle, acres required represented by "C." 1 acre for each Sheep, acres required represented by "S." 1 acre for each Pig, acres required represented by "P."

In the cases of Nos 2, 3, 11 and 12, the large block surrounding the areas allotted or occupied for the purposes specified represents the correct area in and of the land available for settlement in each said constituency. In Nos 4, 5, 6, 7, 8, 9, 10 and 13, the whole constituency is available for settlement excepting so far as Forest Reservations are concerned, which reservations are shown in detail in Graph 16. Most of these Forest Reservations have been subdivided but withdrawn from settlement.

The census returns have the constituencies arranged alphabetically as follows:– 1, Brandon. 2, Dauphin. 3, Lisgar. 4, Macdonald. 5, Marquette. 6, Neepawa. 7, Nelson. 8, Portage la Prairie. 9, Provencher. 10, Selkirk. 11, Souris. 12, Springfield. the other three being constituencies of Winnipeg, are not agricultural.

⑭ Shows the total population for each constituency, illustrated by a diagram, also the percentage of increase of 1916 over 1911.

⑮ Shows the Rural population for each constituency, illustrated by a diagram, also the percentage that the rural population in each constituency is of the whole Province. Note the percentage of Cities, Towns and Villages that are included in the estimate of the Rural Population.

⑯ The area in each constituency now available for settlement, also what percentage such area is of the whole Province which is now available for settlement.

⑰ Shows the number of acres that are now available for settlement for each unit of Rural Population

⑱ Shows the number of acres in crop for each unit of Rural Population in each constituencie.

⑲ Total annual output of Grain and Stock for each constituency in value. (See note at end showing how estimate of annual output is arrived at.) Also the per capita of output based on the whole of rural population; based also on the acreage available for settlement and on the mileage of railway.

⑳ The mileage of railway in each constituency and the percentage each represents of the whole Provincial mileage. Also the percentage the area available for settlement is of the whole Province.

(20A) The square miles of area available for settlement in each constituency. The Rural population per mile of railway and the Rural population per square mile of area.

㉑ The number of Horses in each constituency. (21A) The value of same, placing each at $100.

(21B) The percentage of the total value in the Province of this class in each constituency, also the percentage of the total annual output of all classes, Stock and Grain represented by each constituency.

㉒ The number of Cattle in each constituency. (22A) The value of same placing each at $42.00. (22B) Data similar to 21B.

㉓ The number of Sheep in each constituency. (23A) The value of same placing each at $8.00. (23B) Data similar to 21B.

㉔ The number of Pigs in each constituency. (24A) The value of same placing each at $11.00 (24B) Data similar to 21B.

㉕ The number of bushels of Wheat in each constituency. (25A) The value of same, placing $0.90.5 as the value per bushel.

(25B) The percentage of the total value in the Province of this class in each constituency, also the percentage of the total annual output of all classes, Stock and Grain, represented by each constituency.

㉖ The number of bushels of Oats in each constituency. (26A) The value of same, placing $0.35.3 as the value per bushel.

(26B) Data similar to 25B.

㉗ The number of bushels of Barley in each constituency. (27A) The value of same, placing $0.50.6 as the value per bushel.

(27B) Data similar to 25B.

㉘ Cities. Constituency within which each lies is the same name as the city itself, excepting St. Boniface (see note below Nº 30) Population 1916, also 1911, and percentage of increase between dates.

㉙ Towns, Number, population and constituency, within which each town lies.

㉚ Incorporated Villages, number, population and constituency within which each village lies.

㉛ Graph of Railways, showing mileage of each line of railway in each constituency, the percentage that such mileage is of the whole mileage in each constituencie, and also the mileage and percentage of each road within the whole Province.

㉜ Note regarding Indian Population.

㉝ Note regarding Flax production.

㉞ Note regarding Rye production.

㉟ Note regarding all grains excepting wheat, oats, barley, flax and rye.

㊱ Note regarding Forage Crops.

The annual output is arrived at as follows:– 25% of the value of Horses and Cattle, 50% of Sheep, and 80% of Pigs, 100% of the Grains, as per Nos 21A to 27A, also Nos 33 and 34.

### MANITOBA CENSUS JUNE 1916, Grain Output 1915.
Subject Index, giving Graph Numbers.

Population
Whole. Also in each constituencie and percentage of increase over 1911. Nº 14. Rural. Also in each constituency and percentage of increase over 1911. Nº 1 & 15.
Rural, number of acres available for settlement in each constituency and for each unit of rural population, Nº 17. Rural, Number of acres in crop in each constituency for each unit of rural population, also % increase over 1911 for the whole constituency. Nº 18. Cities. Nos 28 & 14. Towns, Nos 29 & 14. Villages Nos 30 & 14. Indians, Nº 32.

Areas in each Constituency
Wheat represented by "W." Nos 2-13 incl. Oats represented by "O." Nos 2-13 incl. Barley represented by "B." Nos 2-13 incl. Other Grains represented by "X" Nos 10, 11 & 12.
Allotted to Horses represented by "H." Nos 2-13 incl. Allotted to Cattle represented by "C." Nos 2-13 incl. Allotted to Sheep represented by "S." Nos 2-13 incl. Allotted to Pigs represented by "P." Nos 2-13.
Note:- For Horses 5 acres, each head of Cattle 4 acres. Sheep and Pigs, one acre each.
Area in acres available for settlement in each constituency for each unit of rural population Nº 17. Area in acres of crop for each unit of rural pop. in each constituency, also % increase over 1911 Nº 18

Amount or Quantity
Note:- Total output is obtained by adding together 25% of the value of Horses & Cattle 50% sheep, 80% pigs, as given in Nos 21A, 22A, 23A, 24A, and the total value of grains as in Nos 25A, 26A, 27A, 33 & 34.
Wheat, acres, bushels per acre, Nº 25. Total amount and total value @ 90.5¢ per bushel, Nº 25A. Percentage in value that wheat in each constituency is of the whole Province & of total annual output, Nº 25 B.
Oats, " " " " Nº 26. " " " " " 35.3¢ " " Nº 26A. " " " " oats " " " " " " " " " " Nº 26 B.
Barley, " " " " Nº 27. " " " " " 50.6¢ " " Nº 27A. " " " " barley " " " " " " " " " " Nº 27 B.
Horses, Total number in each constituency Nº 21. Total value @ $100 each Nº 21A. Percentage that Horses in each constituency is of the whole Province and of total annual output 21 B.
Cattle, " " " " " Nº 22 " " $42.00 " Nº 22A " " Cattle " " " " " " " " " " " 22 B.
Sheep, " " " " " Nº 23 " " $8.50 " Nº 23A " " Sheep " " " " " " " " " " " 23 B.
Pigs, " " " " " Nº 24 " " $11.00 " Nº 24A " " Pigs " " " " " " " " " " " 24 B.
Total annual output of grain and Stock for each constituency, showing also per capita based on total population and of rural population in each constituency. Also value per acre based on acreage available for settlement. Also value per mile of railway, based on railway mileage in each constituency. Nº 19.
Mileage, railways in operation in each constituency & % it is of total mileage of Province. Also % which the area available for settlement is of whole area in Province so available, For further details see also Graphs 20 & 31.
based on sq. miles & also rural population per mile of railway and sq. mile of area, Nº 20A.

| CITIES IN THE FOLLOWING CONSTITUENCIES Population | | 1916 | | 1911 | | Percentage increase. |
|---|---|---|---|---|---|---|
| Brandon | | 15.215 | | 13.839 | | 9.94 |
| Dauphin | | | | | | |
| Lisgar | | | | | | |
| Macdonald | | | | | | |
| Marquette | | | | | ㉘ | |
| Neepawa | | | | | | |
| Nelson | | | | | | |
| Portage la Prairie | | 5.879 | | 5.892 | | –.22 |
| Provencher | | | | | | |
| Selkirk | | | | | | |
| Souris | | | | | | |
| Springfield | | 1.653 | | 1.112 | | 47.32 |
| Winnipeg C.<br>Winnipeg N.<br>Winnipeg S. | | 176.230 | | 140.110 | | 25.78 |
| | Total | See note | | below Graph 30. | | |

| TOWNS 1916 TOWNS IN THE FOLLOWING CONSTITUENCIES Constituencies | | Population | | Number | |
|---|---|---|---|---|---|
| Brandon | | 4.643 | | 4 | |
| Dauphin | | 3.808 | | 2 | |
| Lisgar | | 1.261 | | 1 | |
| Macdonald | | 1.426 | | 1 | |
| Marquette | | 3.823 | ㉙ | 4 | |
| Neepawa | | 3.602 | | 3 | |
| Nelson | | 1.832 | | 2 | |
| Portage la Prairie | | .192 | | 1 | |
| Provencher | | 1.757 | | 2 | |
| Selkirk | | 4.551 | | 2 | |
| Souris | | 4.208 | | 5 | |
| Springfield | | 4.235 | | 2 | |
| | Total | 35.338 | | 29 | |

| VILLAGES INCORPORATED 1916 VILLAGES IN THE FOLLOWING CONSTITUENCIES. Constituencies | | Population | | Number | |
|---|---|---|---|---|---|
| Brandon | | 1.375 | | 3 | |
| Dauphin | | 1.079 | | 2 | |
| Lisgar | | 2.607 | | 5 | |
| Macdonald | | 1.123 | | 3 | |
| Marquette | | 2.183 | ㉚ | 5 | |
| Neepawa | | | | | |
| Nelson | | | | | |
| Portage la Prairie | | 654 | | 1 | |
| Provencher | | | | | |
| Selkirk | | 764 | | 2 | |
| Souris | | 347 | | 1 | |
| Springfield | | 429 | | 1 | |
| | Total | | | | |

In the constituencies of Winnepeg and Springfield is the city of St. Boniface, which in 1916 had a population, 11.021; in 1911 7.483; an increase of 47.3% of that it is estimated 1.653 lies in Springfield.

# CANADIAN PACIFIC RAILWAY

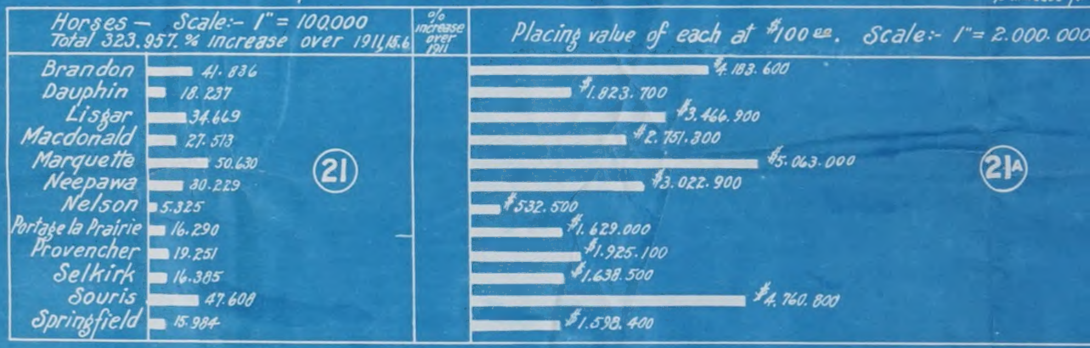
## COLONIZATION AND DEVELOPMENT BR

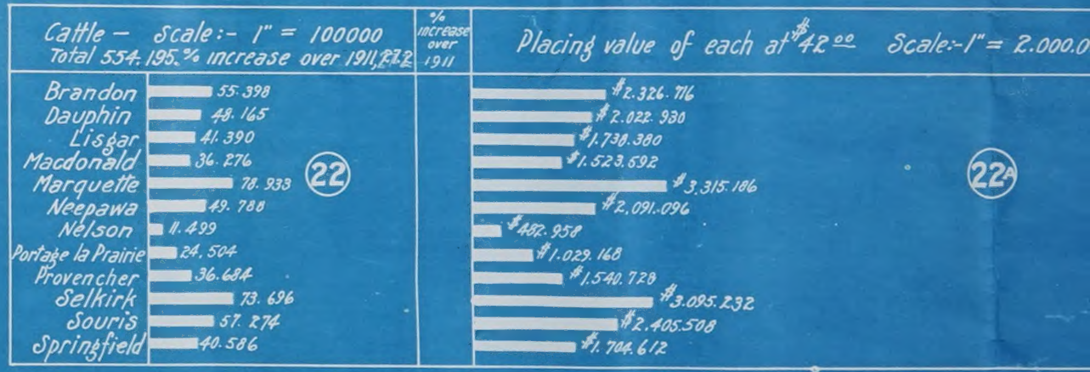
**J.S. DENNIS**
CHIEF COMMISSIONER

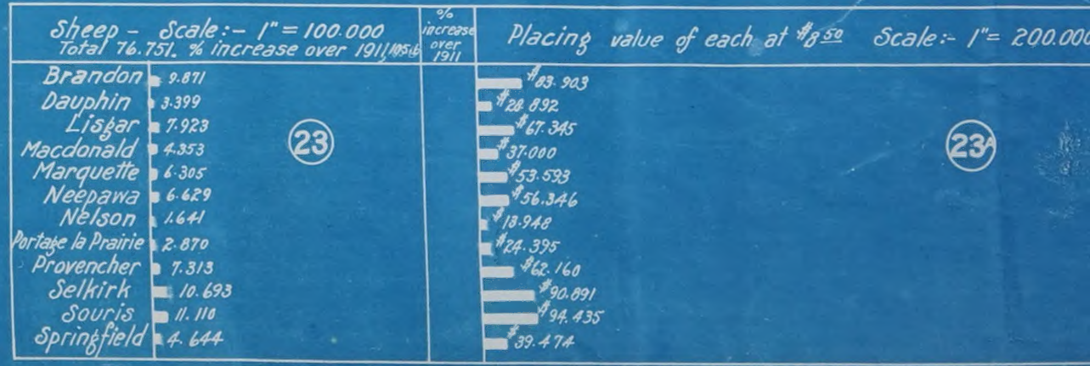
MANITOBA CENSUS JUNE 1916, GRAIN OUTPUT that of

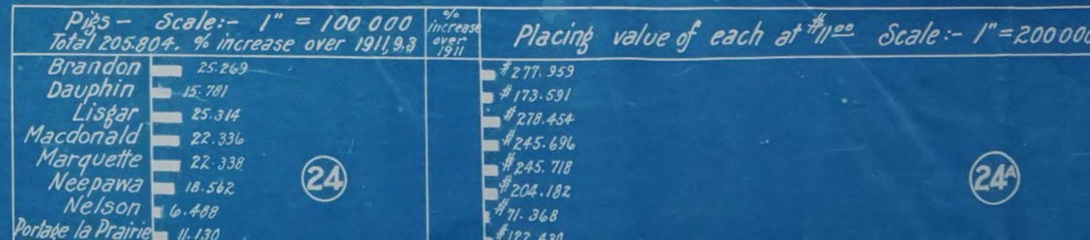
Data for the 12 Rural Constituencies.

Not suf
% increase for









# CANADIAN PACIFIC RAILWAY COMPANY

## COLONIZATION AND DEVELOPMENT BRANCH

**J.S. DENNIS**
CHIEF COMMISSIONER

Nº 11

### MANITOBA CENSUS JUNE 1916. GRAIN OUTPUT that of 1915.

are mile,(rural population) and what at the same density,
ment and the lower bar representing the area thereof

stituency of Brandon. ⑥ Constituency of Souris.
ncy of Portage la Prairie. ⑪ Constituency of

hown the acreage occupied by Grains and Stock, and have
"O," and Other Grains is represented by "X." On the basis of
d by "C." 1 acre for each Sheep, acres required represented by "S."

sents the correct area in and of the land available for settlement
t Reservations are concerned, which reservations are shown in

4, Macdonald. 5, Marquette. 6, Neepawa. 7, Nelson.
are not agricultural.
.
ach constituency is of the whole Province. Note the percentage

**MANITOBA**

| CENSUS | 1916 | 1911 | % of INCREASE |
|---|---|---|---|
| Total Population – | 553.860 | 461.630 | 19.98 |
| Cities, Towns and Villages – | 244.876 | | |
| Assuming 1% of Cities, 8% of Towns and 20% of incorporated Villages within each constituency as rural. On that basis the total rural population is —— | 315.912 | | |

CITIES IN THE FOLLOWING CONSTITUENCIES

| Population | 1916 | 1911 | Percentage increase. |
|---|---|---|---|
| Brandon | 15.215 | 13.839 | 9.94 |
| Dauphin | | | |
| Lisgar | | | |
| Macdonald | | | |
| Marquette | | | |
| Neepawa | | | |
| Nelson | | | |
| Portage la Prairie | 5.879 | 5.892 | –.22 |
| Provencher | | | |
| Selkirk | | | |
| Souris | | | |
| Springfield | 1.653 | 1.112 | 47.32 |
| Winnipeg C.<br>Winnipeg N.<br>Winnipeg S. | 176.230 | 140.110 | 25.78 |
| Total | See note below Graph 30. | | |

㉘

TOWNS 1916
TOWNS IN THE FOLLOWING CONSTITUENCIES

| Constituencies | Population | Number |
|---|---|---|
| Brandon | 4.643 | 4 |
| Dauphin | 3.808 | 2 |
| Lisgar | 1.261 | 1 |
| Macdonald | 1.426 | 1 |
| Marquette | 3.823 | 4 |
| Neepawa | 3.602 | 3 |
| Nelson | 1.832 | 2 |
| Portage la Prairie | .192 | 1 |
| Provencher | 1.757 | 2 |
| Selkirk | 4.551 | 2 |
| Souris | 4.208 | 5 |
| Springfield | 4.235 | 2 |
| Total | 35.338 | 29 |

㉙

VILLAGES INCORPORATED 1916
VILLAGES IN THE FOLLOWING CONSTITUENCIES.

| Constituencies | Population | Number |
|---|---|---|
| Brandon | 1.375 | 3 |
| Dauphin | 1.079 | 2 |
| Lisgar | 2.607 | 5 |
| Macdonald | 1.123 | 3 |
| Marquette | 2.183 | 5 |
| Neepawa | | |
| Nelson | | |
| Portage la Prairie | 654 | 1 |
| Provencher | | |
| Selkirk | 764 | 2 |
| Souris | 347 | 1 |
| Springfield | 429 | 1 |
| Total | | |

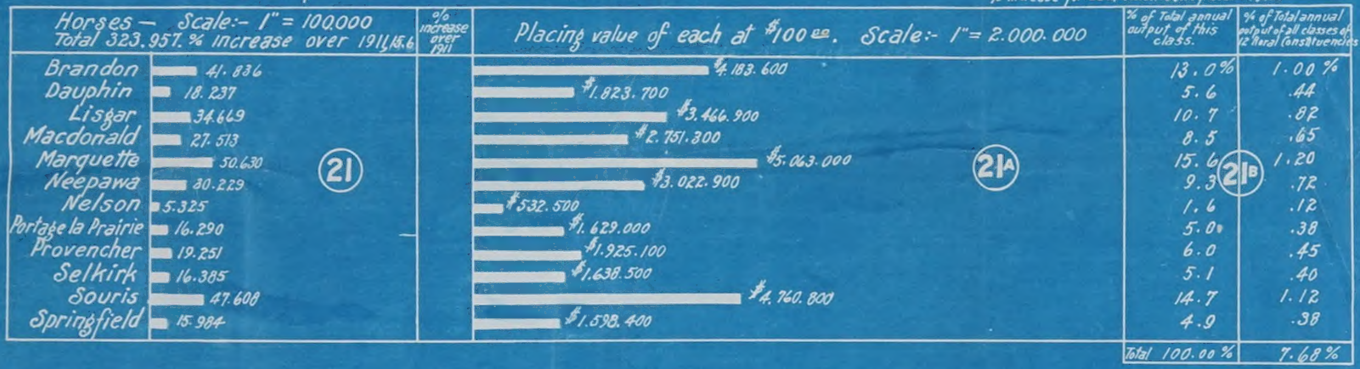
㉚

In the constituencies of Winnepeg and Springfield is the city of St. Boniface, which in 1916 had a population, 11.021; in 1911 7.483; an increase of 47.3% of that it is estimated 1.653 lies in Springfield.

o Graphs 20 & 31.

Data for the 12 Rural Constituencies.

Not sufficient data yet available to ascertain the % increase for each constituency over 1911.



Horses — Scale:- 1" = 100.000 Total 323.957. % increase over 1911, 15.6

| Constituency | Horses | % increase over 1911 | Placing value of each at $100.00. Scale:- 1" = 2.000.000 | % of Total annual output of this class. | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon | 41.836 | | $4.183.600 | 13.0% | 1.00 % |
| Dauphin | 18.237 | | $1.823.700 | 5.6 | .44 |
| Lisgar | 34.669 | | $3.466.900 | 10.7 | .82 |
| Macdonald | 27.513 | | $2.751.300 | 8.5 | .65 |
| Marquette | 50.630 | | $5.063.000 | 15.6 | 1.20 |
| Neepawa | 30.229 | | $3.022.900 | 9.3 | .72 |
| Nelson | 5.325 | | $532.500 | 1.6 | .12 |
| Portage la Prairie | 16.290 | | $1.629.000 | 5.0 | .38 |
| Provencher | 19.251 | | $1.925.100 | 6.0 | .45 |
| Selkirk | 16.385 | | $1.638.500 | 5.1 | .40 |
| Souris | 47.608 | | $4.760.800 | 14.7 | 1.12 |
| Springfield | 15.984 | | $1.598.400 | 4.9 | .38 |
| | | | | Total 100.00 % | 7.68 % |

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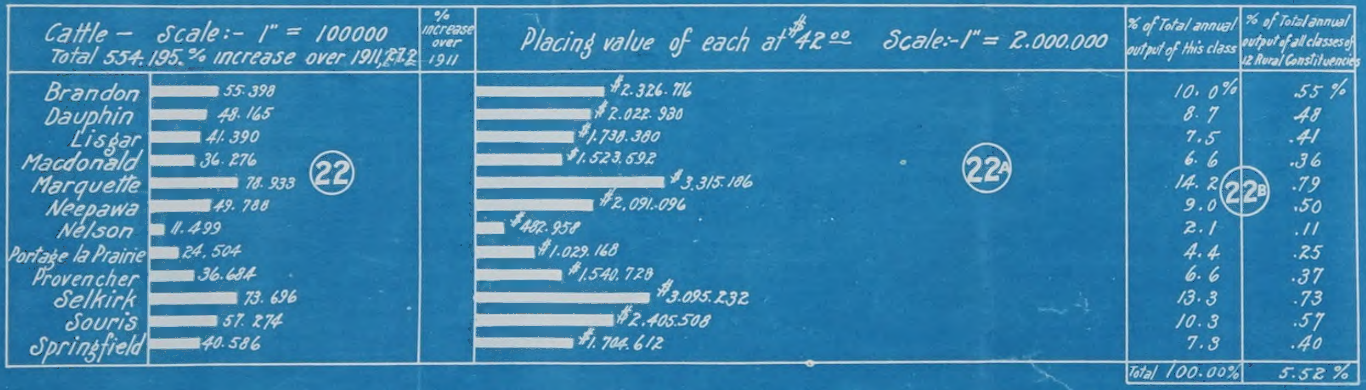

Cattle — Scale:- 1" = 100000 Total 554.195. % increase over 1911, 27.2

| Constituency | Cattle | % increase over 1911 | Placing value of each at $42.00 Scale:- 1" = 2.000.000 | % of Total annual output of this class | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon | 55.398 | | $2.326.716 | 10.0% | .55 % |
| Dauphin | 48.165 | | $2.022.930 | 8.7 | .48 |
| Lisgar | 41.390 | | $1.738.380 | 7.5 | .41 |
| Macdonald | 36.276 | | $1.523.592 | 6.6 | .36 |
| Marquette | 78.933 | | $3.315.186 | 14.2 | .79 |
| Neepawa | 49.788 | | $2,091.096 | 9.0 | .50 |
| Nelson | 11.499 | | $482.958 | 2.1 | .11 |
| Portage la Prairie | 24,504 | | $1.029.168 | 4.4 | .25 |
| Provencher | 36.684 | | $1.540.728 | 6.6 | .37 |
| Selkirk | 73.696 | | $3.095.232 | 13.3 | .73 |
| Souris | 57.274 | | $2.405.508 | 10.3 | .57 |
| Springfield | 40.586 | | $1.704.612 | 7.3 | .40 |
| | | | | Total 100.00% | 5.52 % |

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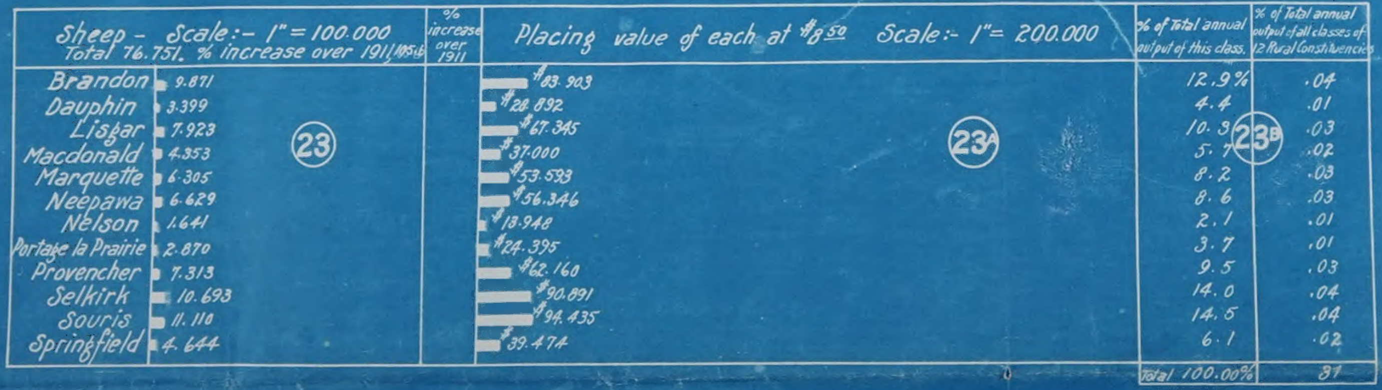

Sheep — Scale:- 1" = 100.000 Total 76.751. % increase over 1911, 105.6

| Constituency | Sheep | % increase over 1911 | Placing value of each at $8.50 Scale:- 1" = 200.000 | % of Total annual output of this class. | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon | 9.871 | | $83.903 | 12.9% | .04 |
| Dauphin | 3.399 | | $28.892 | 4.4 | .01 |
| Lisgar | 7.923 | | $67.345 | 10.3 | .03 |
| Macdonald | 4.353 | | $37.000 | 5.7 | .02 |
| Marquette | 6.305 | | $53.593 | 8.2 | .03 |
| Neepawa | 6.629 | | $56.346 | 8.6 | .03 |
| Nelson | 1.641 | | $13.948 | 2.1 | .01 |
| Portage la Prairie | 2.870 | | $24.395 | 3.7 | .01 |
| Provencher | 7.313 | | $62.160 | 9.5 | .03 |
| Selkirk | 10.693 | | $90.891 | 14.0 | .04 |
| Souris | 11.110 | | $94.435 | 14.5 | .04 |
| Springfield | 4.644 | | $39.474 | 6.1 | .02 |
| | | | | Total 100.00% | .31 |

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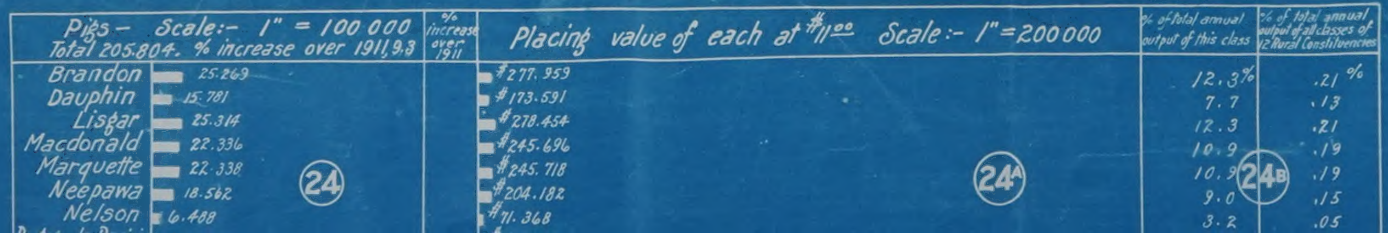

Pigs — Scale:- 1" = 100 000 Total 205.804. % increase over 1911, 9.3

| Constituency | Pigs | % increase over 1911 | Placing value of each at $11.00 Scale:- 1" = 200 000 | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon | 25.269 | | $277.959 | 12.3% | .21 % |
| Dauphin | 15.781 | | $173.591 | 7.7 | .13 |
| Lisgar | 25.314 | | $278.454 | 12.3 | .21 |
| Macdonald | 22.336 | | $245.696 | 10.9 | .19 |
| Marquette | 22.338 | | $245.718 | 10.9 | .19 |
| Neepawa | 18.562 | | $204.182 | 9.0 | .15 |
| Nelson | 6.488 | | $71.368 | 3.2 | .05 |

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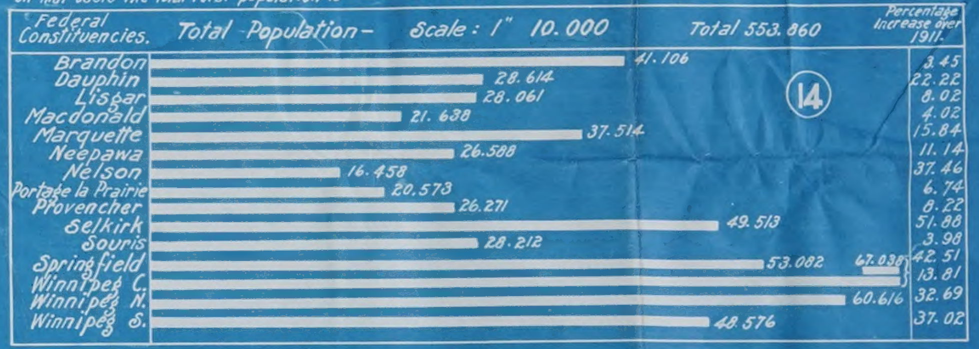
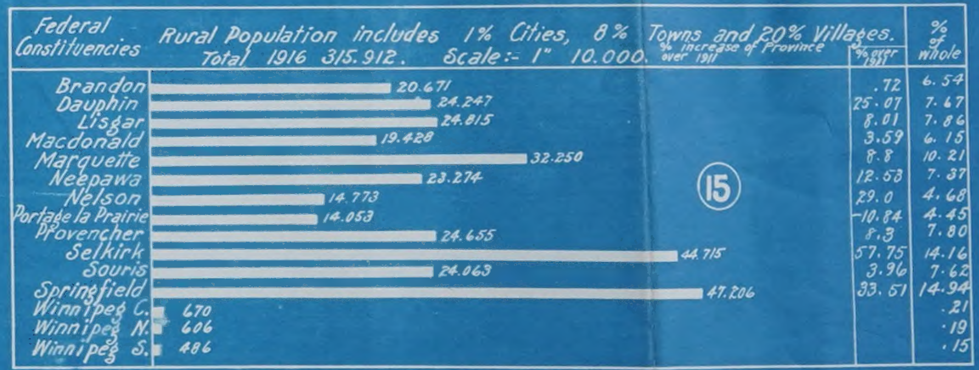


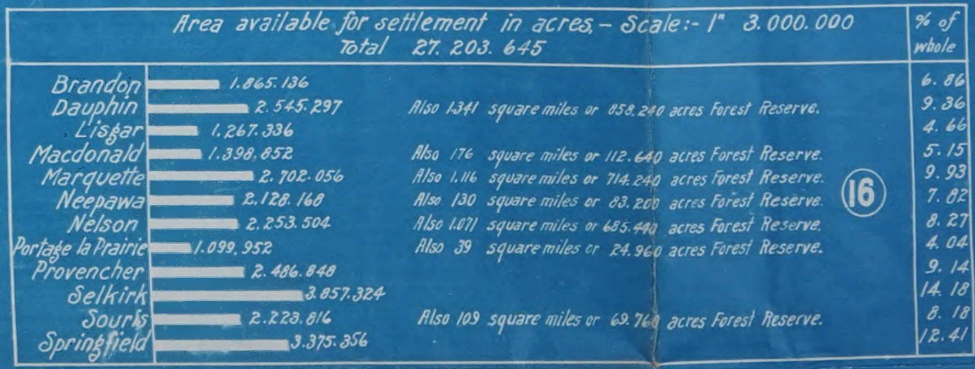
| Federal Constituencies. | Total Population – Scale: 1" 10.000 Total 553.860 | Percentage increase over 1911. |
|---|---|---|
| Brandon | 41.106 | 3.45 |
| Dauphin | 28.614 | 22.22 |
| Lisgar | 28.061 | 8.02 |
| Macdonald | 21.638 | 4.02 |
| Marquette | 37.514 | 15.84 |
| Neepawa | 26.588 | 11.14 |
| Nelson | 16.458 | 37.46 |
| Portage la Prairie | 20.573 | 6.74 |
| Provencher | 26.271 | 8.22 |
| Selkirk | 49.513 | 51.88 |
| Souris | 28.212 | 3.98 |
| Springfield | 53.082 | 42.51 |
| Winnipeg C. | 67.038 | 13.81 |
| Winnipeg N. | 60.616 | 32.69 |
| Winnipeg S. | 48.576 | 37.02 |

⑭



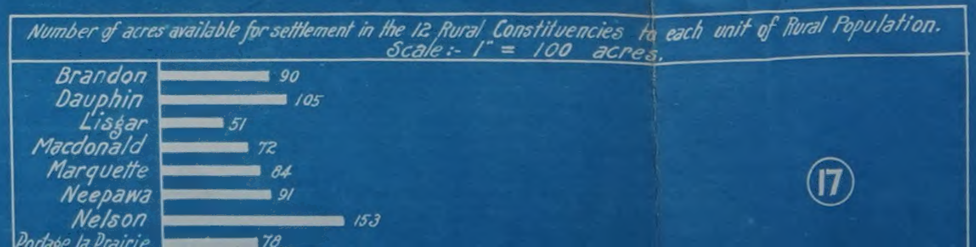
| Federal Constituencies | Rural Population includes 1% Cities, 8% Towns and 20% Villages. Total 1916 315.912. Scale:- 1" 10.000. | % increase of Province over 1911 — % over 1911 | % of whole |
|---|---|---|---|
| Brandon | 20.671 | .72 | 6.54 |
| Dauphin | 24.247 | 25.07 | 7.67 |
| Lisgar | 24.815 | 8.01 | 7.86 |
| Macdonald | 19.428 | 3.59 | 6.15 |
| Marquette | 32.250 | 8.8 | 10.21 |
| Neepawa | 23.274 | 12.53 | 7.37 |
| Nelson | 14.773 | 29.0 | 4.68 |
| Portage la Prairie | 14.053 | –10.84 | 4.45 |
| Provencher | 24.655 | 8.3 | 7.80 |
| Selkirk | 44.715 | 57.75 | 14.16 |
| Souris | 24.063 | 3.96 | 7.62 |
| Springfield | 47.206 | 33.51 | 14.94 |
| Winnipeg C. | 670 | | .21 |
| Winnipeg N. | 606 | | .19 |
| Winnipeg S. | 486 | | .15 |

⑮



| Constituency | Area available for settlement in acres.– Scale:- 1" 3.000.000 Total 27.203.645 | | % of whole |
|---|---|---|---|
| Brandon | 1.865.136 | | 6.86 |
| Dauphin | 2.545.297 | Also 1.341 square miles or 858.240 acres Forest Reserve. | 9.36 |
| Lisgar | 1.267.336 | | 4.66 |
| Macdonald | 1.398.852 | Also 176 square miles or 112.640 acres Forest Reserve. | 5.15 |
| Marquette | 2.702.056 | Also 1.116 square miles or 714.240 acres Forest Reserve. | 9.93 |
| Neepawa | 2.128.168 | Also 130 square miles or 83.200 acres Forest Reserve. | 7.82 |
| Nelson | 2.253.504 | Also 1.071 square miles or 685.440 acres Forest Reserve. | 8.27 |
| Portage la Prairie | 1.099.952 | Also 39 square miles or 24.960 acres Forest Reserve. | 4.04 |
| Provencher | 2.486.848 | | 9.14 |
| Selkirk | 3.857.324 | | 14.18 |
| Souris | 2.223.816 | Also 109 square miles or 69.760 acres Forest Reserve. | 8.18 |
| Springfield | 3.375.356 | | 12.41 |

⑯



Number of acres available for settlement in the 12 Rural Constituencies to each unit of Rural Population.
Scale:- 1" = 100 acres.

| Constituency | Acres |
|---|---|
| Brandon | 90 |
| Dauphin | 105 |
| Lisgar | 51 |
| Macdonald | 72 |
| Marquette | 84 |
| Neepawa | 91 |
| Nelson | 153 |
| Portage la Prairie | 78 |

⑰

## AILWAY COMPANY

### OPMENT BRANCH

Nº 11

RAIN OUTPUT that of 1915.

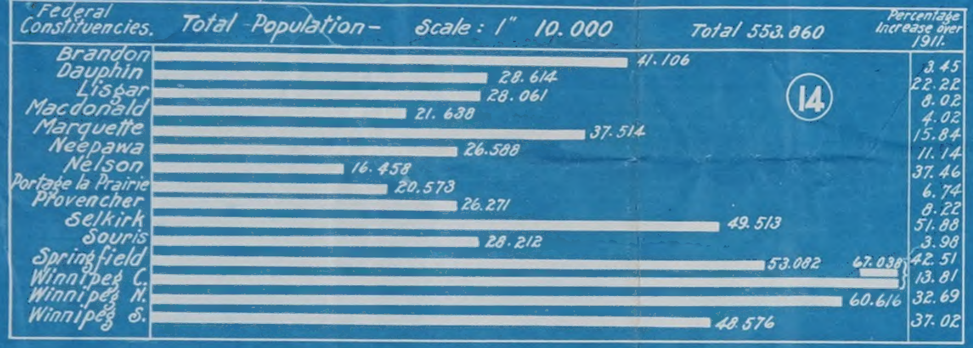
**MANITOBA**

| **CENSUS** | 1916 | 1911 | % of INCREASE |
|---|---|---|---|
| Total Population – | 553.860 | 461.630 | 19.98 |
| Cities, Towns and Villages – | 244.876 | | |
| Assuming 1% of Cities, 8% of Towns and 20% of incorporated Villages within each constituency as rural, On that basis the total rural population is —— | 315.912 | | |

Not sufficient data yet available to ascertain the % increase for each constituency over 1911.

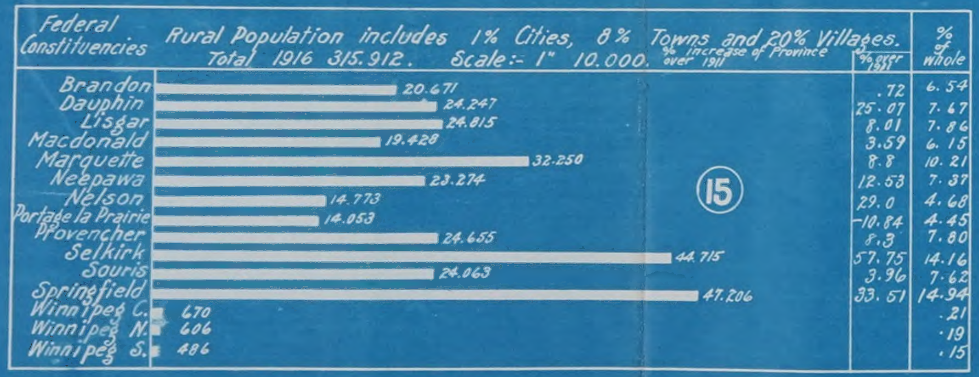
| Scale:- 1" = 2.000.000 | % of Total annual output of this class. | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|
| ㉑A | 13.0% | 1.00 % |
| | 5.6 | .44 |
| | 10.7 | .82 |
| | 8.5 | .65 |
| | 15.6 | 1.20 |
| | 9.3 | .72 |
| | 1.6 | .12 |
| | 5.0 | .38 |
| | 6.0 | .45 |
| | 5.1 | .40 |
| | 14.7 | 1.12 |
| | 4.9 | .38 |
| | Total 100.00 % | 7.68 % |

㉑B



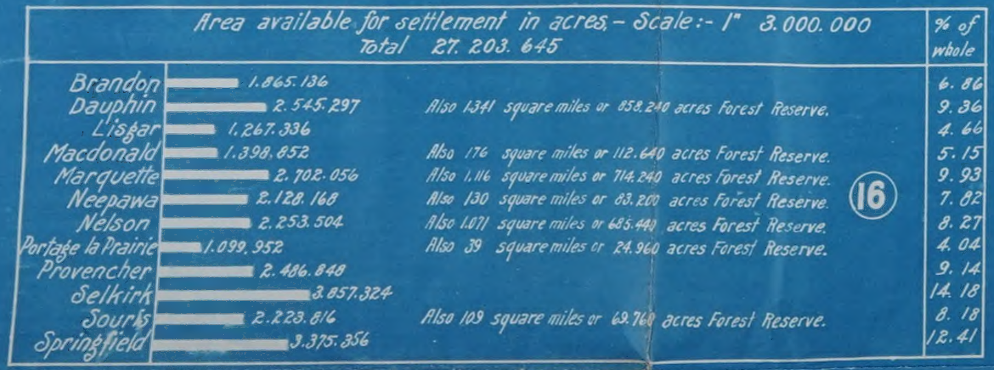
| Scale:- 1" = 2.000.000 | % of Total annual output of this class | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|
| ㉒A | 10.0% | .55 % |
| | 8.7 | .48 |
| | 7.5 | .41 |
| | 6.6 | .36 |
| | 14.2 | .79 |
| | 9.0 | .50 |
| | 2.1 | .11 |
| | 4.4 | .25 |
| | 6.6 | .37 |
| | 13.3 | .73 |
| | 10.3 | .57 |
| | 7.3 | .40 |
| | Total 100.00% | 5.52 % |

㉒B



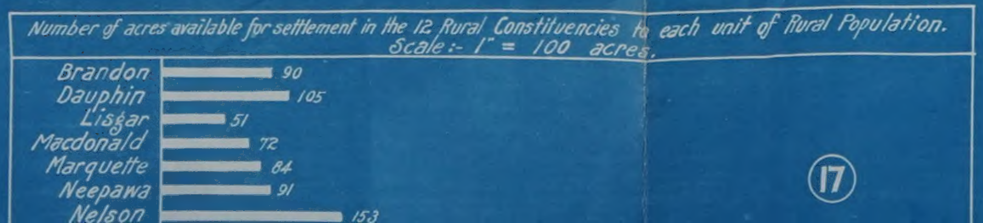
| cale:- 1" = 200.000 | % of Total annual output of this class. | % of Total annual output of all classes of 12 Rural Constituencies |
|---|---|---|
| ㉓A | 12.9% | .04 |
| | 4.4 | .01 |
| | 10.3 | .03 |
| | 5.7 | .02 |
| | 8.2 | .03 |
| | 8.6 | .03 |
| | 2.1 | .01 |
| | 3.7 | .01 |
| | 9.5 | .03 |
| | 14.0 | .04 |
| | 14.5 | .04 |
| | 6.1 | .02 |
| | Total 100.00% | .31 |

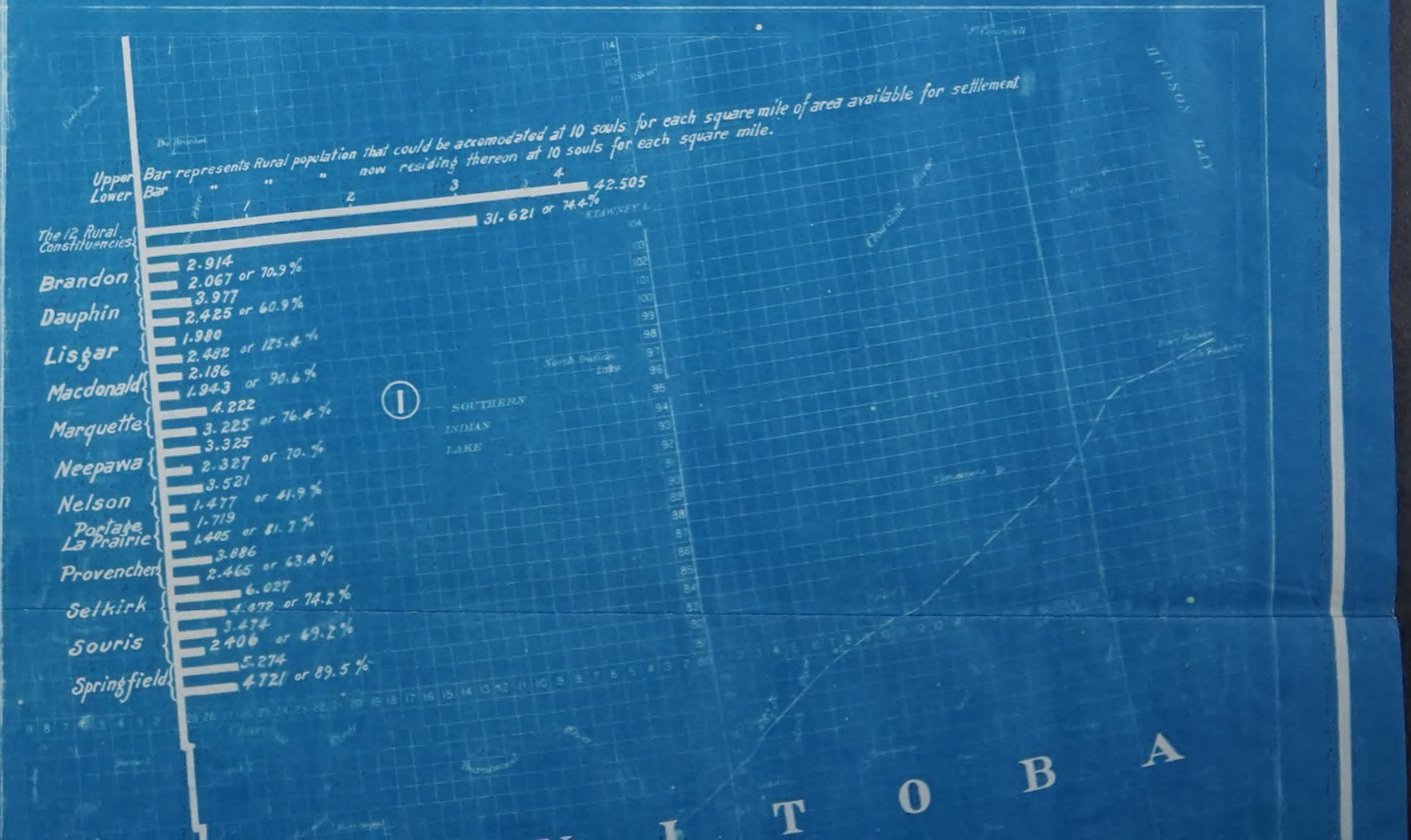
㉓B



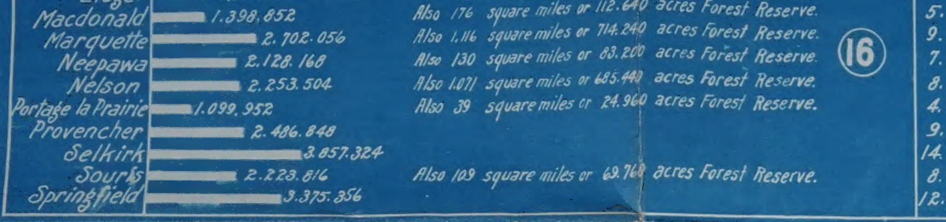
| ale :- 1" = 200 000 | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|
| ㉔A | 12.3% | .21 % |
| | 7.7 | .13 |
| | 12.3 | .21 |
| | 10.9 | .19 |
| | 10.9 | .19 |
| | 9.0 | .15 |

㉔B





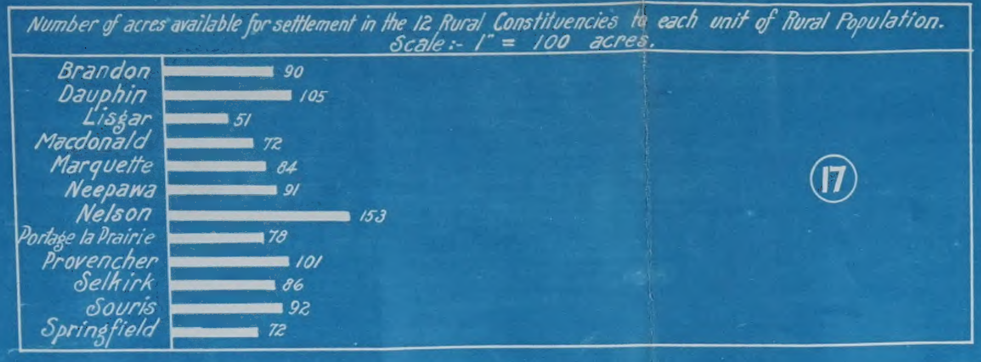
|  |  |
|---|---|
| 5.7 | .02 |
| 8.2 | .03 |
| 8.6 | .03 |
| 2.1 | .01 |
| 3.7 | .01 |
| 9.5 | .03 |
| 14.0 | .04 |
| 14.5 | .04 |
| 6.1 | .02 |
| Total 100.00% | 31 |



| | | | |
|---|---|---|---|
| Macdonald | 1.398.852 | Also 176 square miles or 112.640 acres Forest Reserve. | 5.15 |
| Marquette | 2.702.056 | Also 1.116 square miles or 714.240 acres Forest Reserve. | 9.93 |
| Neepawa | 2.128.168 | Also 130 square miles or 83.200 acres Forest Reserve. | 7.82 |
| Nelson | 2.253.504 | Also 1.071 square miles or 685.440 acres Forest Reserve. | 8.27 |
| Portage la Prairie | 1.099.952 | Also 39 square miles or 24.960 acres Forest Reserve. | 4.04 |
| Provencher | 2.486.848 | | 9.14 |
| Selkirk | 3.857.324 | | 14.18 |
| Souris | 2.223.816 | Also 109 square miles or 69.760 acres Forest Reserve. | 8.18 |
| Springfield | 3.375.356 | | 12.41 |

| :- 1" = 200 000 | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|
| | 12.3% | .21 % |
| | 7.7 | .13 |
| | 12.3 | .21 |
| | 10.9 | .19 |
| | 10.9 | .19 |
| | 9.0 | .15 |
| | 3.2 | .05 |
| | 5.4 | .09 |
| | 8.7 | .13 |
| | 5.9 | .10 |
| | 7.3 | .13 |
| | 6.4 | .14 |
| | Total 1.0 0. | 1.72 |

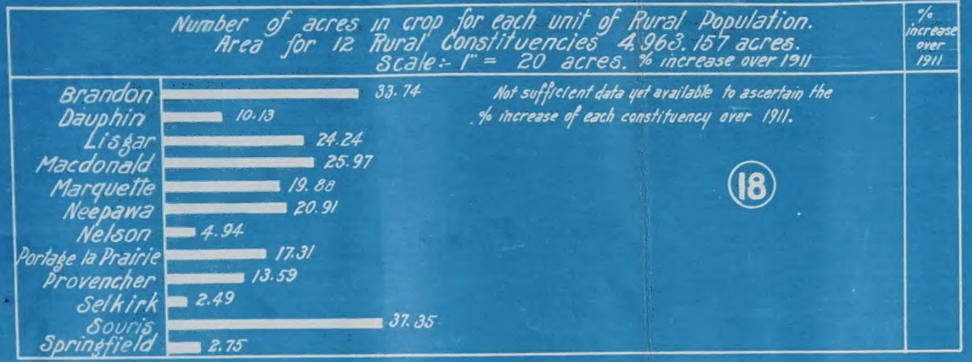
Number of acres available for settlement in the 12 Rural Constituencies to each unit of Rural Population.
Scale:- 1" = 100 acres.



| | |
|---|---|
| Brandon | 90 |
| Dauphin | 105 |
| Lisgar | 51 |
| Macdonald | 72 |
| Marquette | 84 |
| Neepawa | 91 |
| Nelson | 153 |
| Portage la Prairie | 78 |
| Provencher | 101 |
| Selkirk | 86 |
| Souris | 92 |
| Springfield | 72 |

| 000.000 shel. | Value in $ | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|
| | $8.497.257 | 13.55% | 8.06% |
| | 2.937.044 | 4.69 | 2.80 |
| | 7.157.532 | 11.42 | 6.80 |
| | 7.582.800 | 12.10 | 7.20 |
| | 6.795.636 | 10.84 | 6.44 |
| | 7.128.049 | 11.37 | 6.76 |
| | 920.389 | 1.46 | .88 |
| | 4.343.828 | 6.93 | 4.12 |
| | 4.614.541 | 7.36 | 4.37 |
| | 842.093 | 1.34 | .80 |
| | 10.620.786 | 16.94 | 10.07 |
| | 1.247.410 | 2.00 | 1.12 |
| | | Total 100. | 59.42 |

Number of acres in crop for each unit of Rural Population.
Area for 12 Rural Constituencies 4.963.157 acres.
Scale:- 1" = 20 acres. % increase over 1911

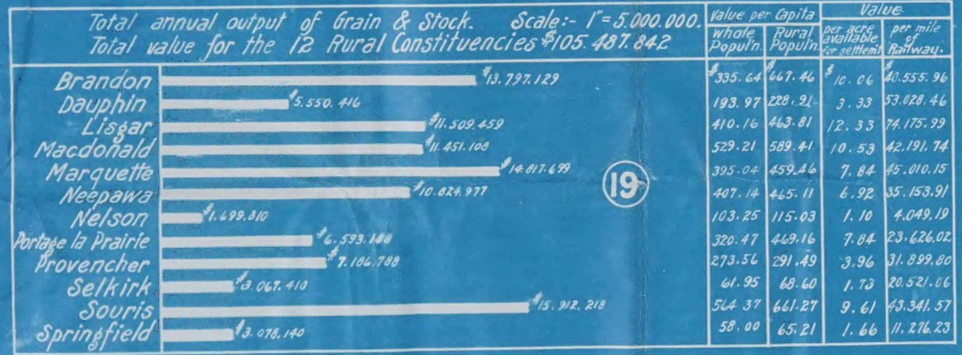


| | | % increase over 1911 |
|---|---|---|
| Brandon | 33.74 | |
| Dauphin | 10.13 | |
| Lisgar | 24.24 | |
| Macdonald | 25.97 | |
| Marquette | 19.88 | |
| Neepawa | 20.91 | |
| Nelson | 4.94 | |
| Portage la Prairie | 17.31 | |
| Provencher | 13.59 | |
| Selkirk | 2.49 | |
| Souris | 37.35 | |
| Springfield | 2.75 | |

Not sufficient data yet available to ascertain the % increase of each constituency over 1911.

| 00.000 shel. | Value in $ | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies. |
|---|---|---|---|
| | 2.134.332 | 11.93% | 2.02% |
| | 1.023.377 | 5.72 | .97 |
| | 1.522.157 | 8.51 | 1.44 |
| | 1.396.389 | 7.80 | 1.32 |
| 4.268.034 | 5.036.616 | 28.15 | 4.80 |
| | 1.402.473 | 7.84 | 1.33 |
| | 309.617 | 1.73 | .29 |
| | 845.228 | 4.72 | .80 |
| | 906.521 | 5.06 | .85 |
| | 593.174 | 3.31 | .56 |
| | 2.147.745 | 12.00 | 2.03 |
| | 577.481 | 3.23 | .55 |
| | | Total 1.00. | 16.96 |

Total annual output of Grain & Stock. Scale:- 1" = 5.000.000.
Total value for the 12 Rural Constituencies $105.487.842



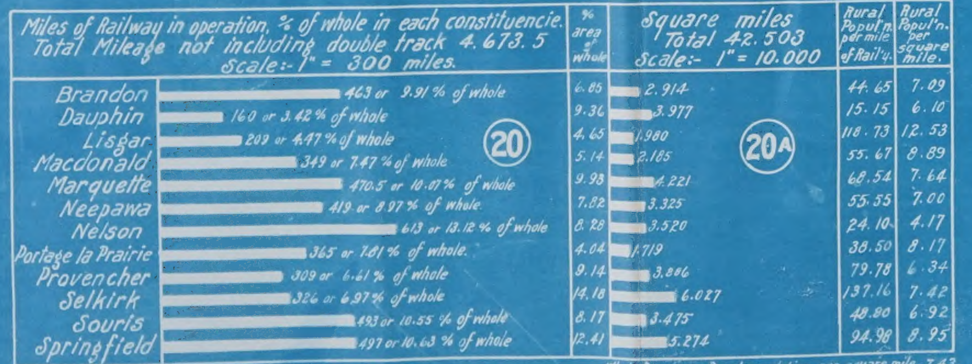
| | | Value per Capita | | Value | |
|---|---|---|---|---|---|
| | | whole Popul'n. | Rural Popul'n. | per acre available for settlem't | per mile of Railway. |
| Brandon | $13.797.129 | $335.64 | $667.46 | $10.06 | $40.555.96 |
| Dauphin | $5.550.416 | 193.97 | 228.91 | 3.33 | 53.028.46 |
| Lisgar | $11.509.459 | 410.16 | 463.81 | 12.33 | 74.175.99 |
| Macdonald | $11.451.108 | 529.21 | 589.41 | 10.53 | 42.191.74 |
| Marquette | $14.817.699 | 395.04 | 459.46 | 7.84 | 45.010.15 |
| Neepawa | $10.824.977 | 407.14 | 465.11 | 6.92 | 35.153.91 |
| Nelson | $1.699.810 | 103.25 | 115.03 | 1.10 | 4.049.19 |
| Portage la Prairie | $6.593.180 | 320.47 | 469.16 | 7.84 | 23.626.02 |
| Provencher | $7.186.788 | 273.56 | 291.49 | 3.96 | 31.899.80 |
| Selkirk | $3.067.410 | 61.95 | 68.60 | 1.73 | 20.521.06 |
| Souris | $15.912.218 | 564.37 | 661.27 | 9.61 | 43.341.57 |
| Springfield | $3.078.140 | 58.00 | 65.21 | 1.66 | 11.276.23 |

| 000.000 shel. | Value in $ | % of total annual output of this class. | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|
| | 1.230.637 | 14.61% | 1.17% |
| | 471.220 | 5.58 | .45 |
| | 1.187.828 | 14.10 | 1.13 |
| | 1.151.730 | 13.67 | 1.09 |
| | 664.844 | 7.90 | .63 |
| | 792.087 | 9.40 | .75 |
| | 148.173 | 1.76 | .14 |
| | 617.215 | 7.32 | .58 |
| | 533.305 | 6.33 | .51 |
| | 274.561 | 3.26 | .26 |
| | 1.089.256 | 12.93 | 1.03 |
| | 264.775 | 3.14 | .25 |
| | | Total 100. % | 7.99% |

Total 99.60%
the balance, 0.40% being made up of other Grains.

at, Oats,
of value
Grain at

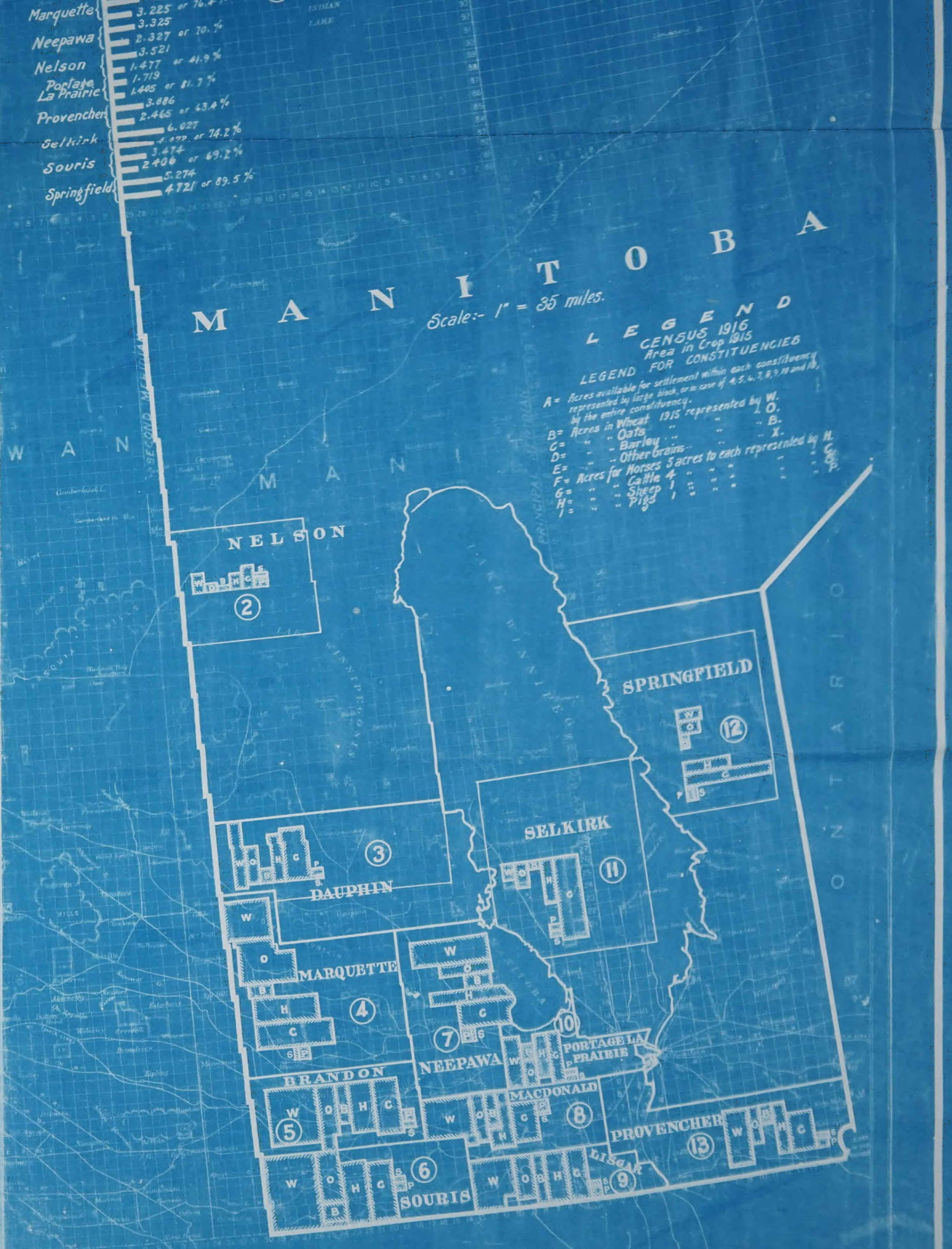
Miles of Railway in operation, % of whole in each constituencie.
Total Mileage not including double track 4.673.5
Scale:- 1" = 300 miles.



| | | % area of whole | Square miles Total 42.503 Scale:- 1" = 10.000 | Rural Popul'n. per mile of Rail'y. | Rural Popul'n. per square mile. |
|---|---|---|---|---|---|
| Brandon | 463 or 9.91% of whole | 6.85 | 2.914 | 44.65 | 7.09 |
| Dauphin | 160 or 3.42% of whole | 9.36 | 3.977 | 15.15 | 6.10 |
| Lisgar | 209 or 4.47% of whole | 4.65 | 1.980 | 118.73 | 12.53 |
| Macdonald | 349 or 7.47% of whole | 5.14 | 2.185 | 55.67 | 8.89 |
| Marquette | 470.5 or 10.07% of whole | 9.93 | 4.221 | 68.54 | 7.64 |
| Neepawa | 419 or 8.97% of whole | 7.82 | 3.325 | 55.55 | 7.00 |
| Nelson | 613 or 13.12% of whole | 8.28 | 3.520 | 24.10 | 4.17 |
| Portage la Prairie | 365 or 7.81% of whole. | 4.04 | 1.719 | 38.50 | 8.17 |
| Provencher | 309 or 6.61% of whole | 9.14 | 3.886 | 79.78 | 6.34 |
| Selkirk | 326 or 6.97% of whole | 14.18 | 6.027 | 137.16 | 7.42 |
| Souris | 493 or 10.55% of whole | 8.17 | 3.475 | 48.80 | 6.92 |
| Springfield | 497 or 10.63% of whole | 12.41 | 5.274 | 94.98 | 8.95 |

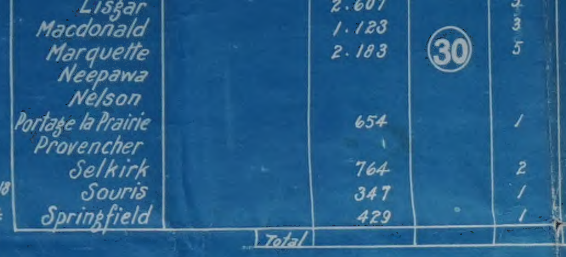
Rural Population per mile of Railway 67.6.
Total " " " " " 118.5

Whole Province Rural population per square mile 7.43
" " Total " " " " 13.03



Compiled By W. Pearce
Calgary, 20th July, 1917.

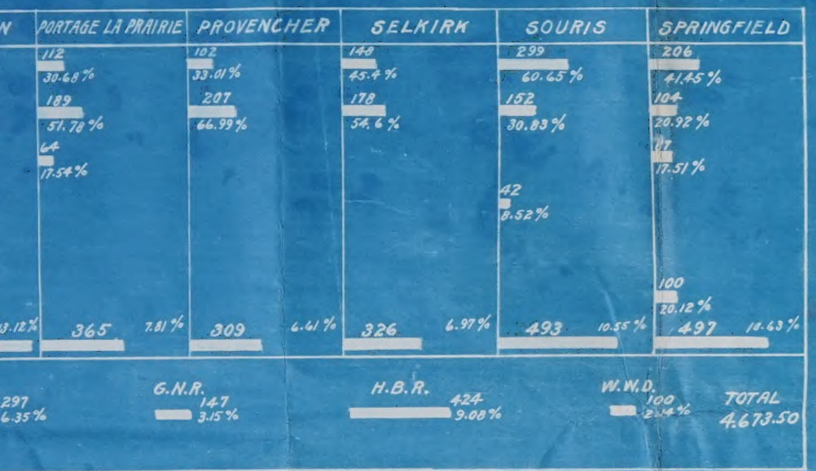
& 15.
t of rural
Nº 32.
, 11 & 12.
"P." Nºs 2-13.
se over 1911 Nº 18
27A, 33 & 34.
ut; Nº 25 B.
Nº 26 B.
Nº 27 B.
B.
B.
B.
B.
based on
er details see also Graphs 20 & 31.
Nº 36.



| | | |
|---|---|---|
| Lisgar | 2.607 | 3 |
| Macdonald | 1.123 | 3 |
| Marquette | 2.183 | 5 |
| Neepawa | | |
| Nelson | | |
| Portage la Prairie | 654 | 1 |
| Provencher | | |
| Selkirk | 764 | 2 |
| Souris | 347 | 1 |
| Springfield | 429 | 1 |
| Total | | |

In the constituencies of Winnepeg and Springfield is the city of St. Boniface, which in 1916 had a population, 11.021; in 1911 7.483; an increase of 47.3% of that it is estimated 1.653 lies in Springfield.

ch of the 12 Rural
ch.



㉞

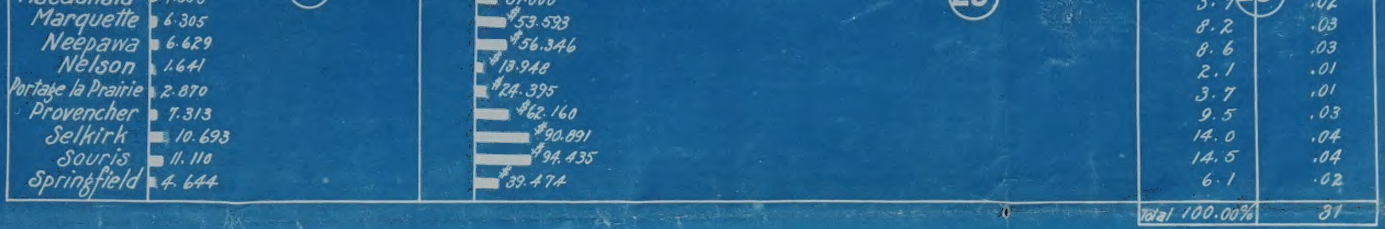
Rye
tutes .16% of total annual output, or $167.088
s and production 207.573 bushels. Of that
9.05% acreage and 9.65% bushels of total
9.83% " " 10.35% " " "
3.32% " " 26.86% " " "
3.40% " " 15.01% " " "
9.33% " " 9.90% " " "
25.07% " " 28.23% " " "
the remaining seven rural constituencies.

㉟

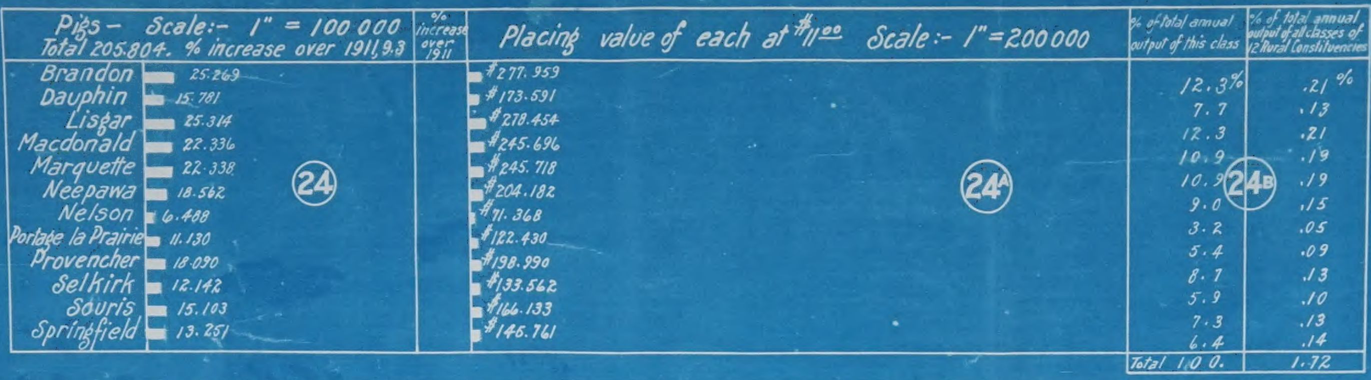
All Other Grains
excepting Grass Seed.

Total $64.120 or .06% of whole, being 1.508 acres and 33.279 bushels.

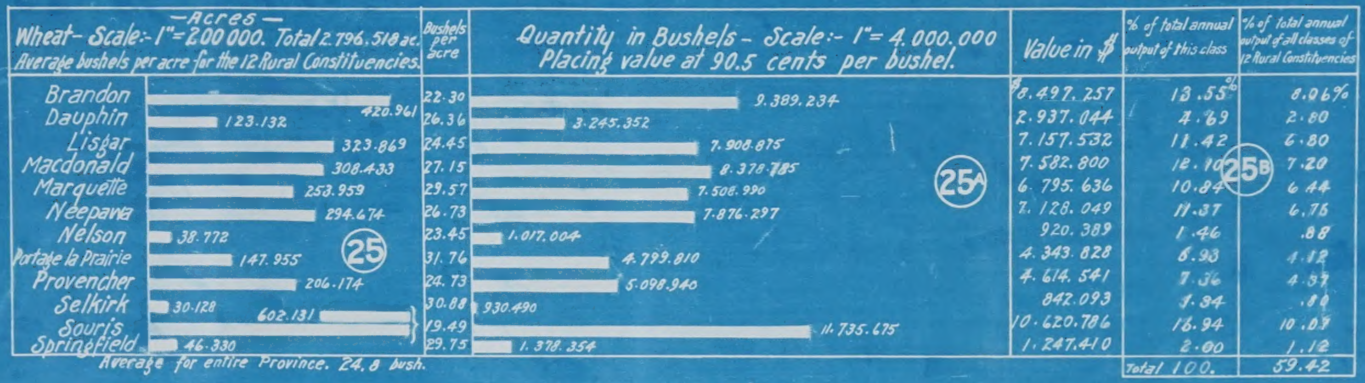
rage crops seem to be fairly evenly distributed among the 12 rural constituencies.
Hay and Clover, the latter is 86.800 tons, making in all 623.186 tons, with a valuation of $3.604.383, being $5.78 per ton.
per ton.
hief item being turnips. of which the acreage is 994. and 255.918 bushels, the total acreage being 1.630 & 407.939 bushels.
els 274 bushels per acre.



| | | | | |
|---|---|---|---|---|
| Marquette | 6.305 | $53.593 | 8.2 | .03 |
| Neepawa | 6.629 | $56.346 | 8.6 | .03 |
| Nelson | 1.641 | $13.948 | 2.1 | .01 |
| Portage la Prairie | 2.870 | $24.395 | 3.7 | .01 |
| Provencher | 7.313 | $62.160 | 9.5 | .03 |
| Selkirk | 10.693 | $90.891 | 14.0 | .04 |
| Souris | 11.110 | $94.435 | 14.5 | .04 |
| Springfield | 4.644 | $39.474 | 6.1 | .02 |
| | | | Total 100.00% | .31 |

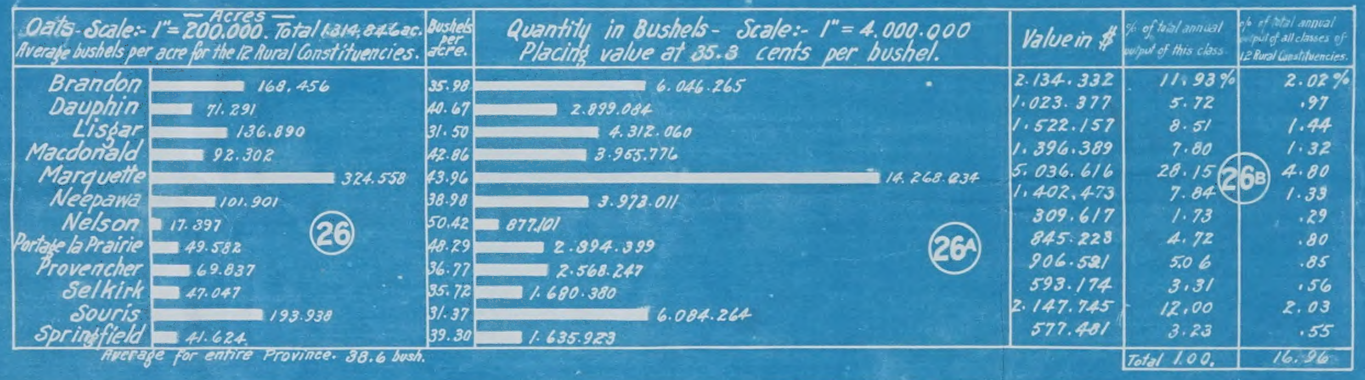


| | Pigs – Scale:- 1" = 100 000 Total 205.804. % increase over 1911, 9.3 | % increase over 1911 | Placing value of each at $11.00 Scale:- 1" = 200000 | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|
| Brandon | 25.269 | | $277.959 | 12.3% | .21% |
| Dauphin | 15.781 | | $173.591 | 7.7 | .13 |
| Lisgar | 25.314 | | $278.454 | 12.3 | .21 |
| Macdonald | 22.336 | | $245.696 | 10.9 | .19 |
| Marquette | 22.338 | | $245.718 | 10.9 | .19 |
| Neepawa | 18.562 | | $204.182 | 9.0 | .15 |
| Nelson | 6.488 | | $71.368 | 3.2 | .05 |
| Portage la Prairie | 11.130 | | $122.430 | 5.4 | .09 |
| Provencher | 18.090 | | $198.990 | 8.7 | .13 |
| Selkirk | 12.142 | | $133.562 | 5.9 | .10 |
| Souris | 15.103 | | $166.133 | 7.3 | .13 |
| Springfield | 13.251 | | $145.761 | 6.4 | .14 |
| | | | | Total 100. | 1.72 |



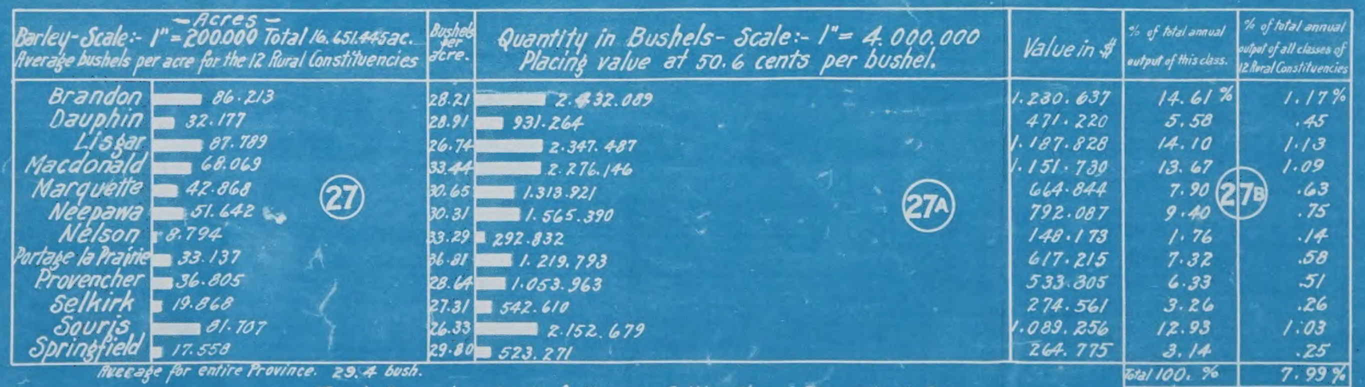
| | —Acres— Wheat- Scale:- 1" = 200 000. Total 2.796.518 ac. Average bushels per acre for the 12 Rural Constituencies. | Bushels per acre | Quantity in Bushels - Scale:- 1" = 4.000.000 Placing value at 90.5 cents per bushel. | Value in $ | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|---|
| Brandon | 420.961 | 22.30 | 9.389.234 | $8.497.257 | 13.55% | 8.06% |
| Dauphin | 123.132 | 26.36 | 3.245.352 | 2.937.044 | 4.69 | 2.80 |
| Lisgar | 323.869 | 24.45 | 7.908.875 | 7.157.532 | 11.42 | 6.80 |
| Macdonald | 308.433 | 27.15 | 8.378.785 | 7.582.800 | 12.10 | 7.20 |
| Marquette | 253.959 | 29.57 | 7.508.990 | 6.795.636 | 10.84 | 6.44 |
| Neepawa | 294.674 | 26.73 | 7.876.297 | 7.128.049 | 11.37 | 6.76 |
| Nelson | 38.772 | 23.45 | 1.017.004 | 920.389 | 1.46 | .88 |
| Portage la Prairie | 147.955 | 31.76 | 4.799.810 | 4.343.828 | 6.93 | 4.12 |
| Provencher | 206.174 | 24.73 | 5.098.940 | 4.614.541 | 7.36 | 4.37 |
| Selkirk | 30.128 | 30.88 | 930.490 | 842.093 | 1.34 | .80 |
| Souris | 602.131 | 19.49 | 11.735.675 | 10.620.786 | 16.94 | 10.07 |
| Springfield | 46.330 | 29.75 | 1.378.354 | 1.247.410 | 2.00 | 1.12 |
| | | | | | Total 100. | 59.42 |

Average for entire Province. 24.8 bush.



| | —Acres— Oats- Scale:- 1" = 200.000. Total 1.314.846 ac. Average bushels per acre for the 12 Rural Constituencies. | Bushels per acre. | Quantity in Bushels - Scale:- 1" = 4.000.000 Placing value at 35.3 cents per bushel. | Value in $ | % of total annual output of this class | % of total annual output of all classes of 12 Rural Constituencies. |
|---|---|---|---|---|---|---|
| Brandon | 168.456 | 35.98 | 6.046.265 | 2.134.332 | 11.93% | 2.02% |
| Dauphin | 71.291 | 40.67 | 2.899.084 | 1.023.377 | 5.72 | .97 |
| Lisgar | 136.890 | 31.50 | 4.312.060 | 1.522.157 | 8.51 | 1.44 |
| Macdonald | 92.302 | 42.86 | 3.955.776 | 1.396.389 | 7.80 | 1.32 |
| Marquette | 324.558 | 43.96 | 14.268.034 | 5.036.616 | 28.15 | 4.80 |
| Neepawa | 101.901 | 38.98 | 3.973.011 | 1.402.473 | 7.84 | 1.33 |
| Nelson | 17.397 | 50.42 | 877.101 | 309.617 | 1.73 | .29 |
| Portage la Prairie | 49.582 | 48.29 | 2.394.399 | 845.223 | 4.72 | .80 |
| Provencher | 69.837 | 36.77 | 2.568.247 | 906.521 | 5.06 | .85 |
| Selkirk | 47.047 | 35.72 | 1.680.380 | 593.174 | 3.31 | .56 |
| Souris | 193.938 | 31.37 | 6.084.264 | 2.147.745 | 12.00 | 2.03 |
| Springfield | 41.624 | 39.30 | 1.635.923 | 577.481 | 3.23 | .55 |
| | | | | | Total 1.00. | 16.96 |

Average for entire Province. 38.6 bush.

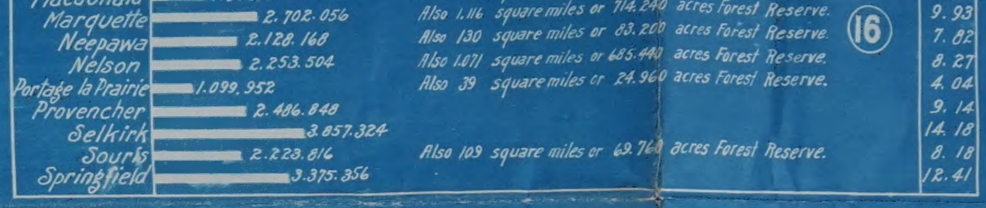


| | —Acres— Barley-Scale:- 1" = 200000 Total 16.651.445 ac. Average bushels per acre for the 12 Rural Constituencies | Bushels per acre. | Quantity in Bushels - Scale:- 1" = 4.000.000 Placing value at 50.6 cents per bushel. | Value in $ | % of total annual output of this class. | % of total annual output of all classes of 12 Rural Constituencies |
|---|---|---|---|---|---|---|
| Brandon | 86.213 | 28.21 | 2.432.089 | 1.230.637 | 14.61% | 1.17% |
| Dauphin | 32.177 | 28.91 | 931.264 | 471.220 | 5.58 | .45 |
| Lisgar | 87.789 | 26.74 | 2.347.487 | 1.187.828 | 14.10 | 1.13 |
| Macdonald | 68.069 | 33.44 | 2.276.146 | 1.151.730 | 13.67 | 1.09 |
| Marquette | 42.868 | 30.65 | 1.313.921 | 664.844 | 7.90 | .63 |
| Neepawa | 51.642 | 30.31 | 1.565.390 | 792.087 | 9.40 | .75 |
| Nelson | 8.794 | 33.29 | 292.832 | 148.173 | 1.76 | .14 |
| Portage la Prairie | 33.137 | 36.81 | 1.219.793 | 617.215 | 7.32 | .58 |
| Provencher | 36.805 | 28.64 | 1.053.963 | 533.305 | 6.33 | .51 |
| Selkirk | 19.868 | 27.31 | 542.610 | 274.561 | 3.26 | .26 |
| Souris | 81.707 | 26.33 | 2.152.679 | 1.089.256 | 12.93 | 1.03 |
| Springfield | 17.558 | 29.80 | 523.271 | 264.775 | 3.14 | .25 |
| | | | | | Total 100.% | 7.99% |

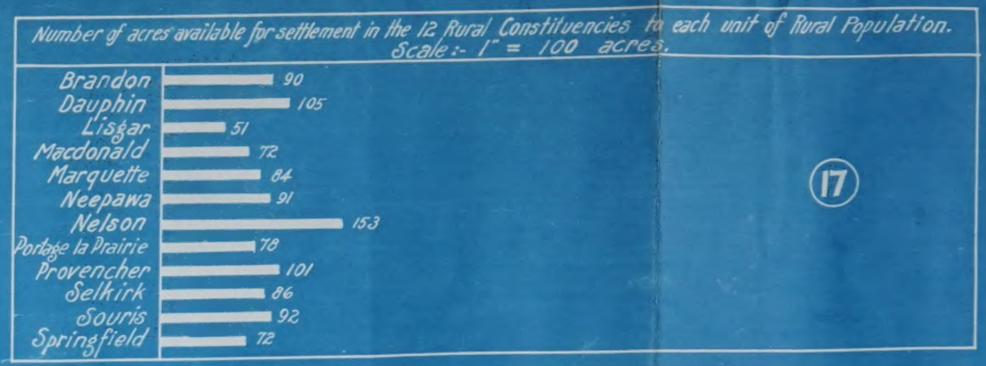
Average for entire Province. 29.4 bush.

Total 99.60%
the balance, 0.40% being made up of other Grains.

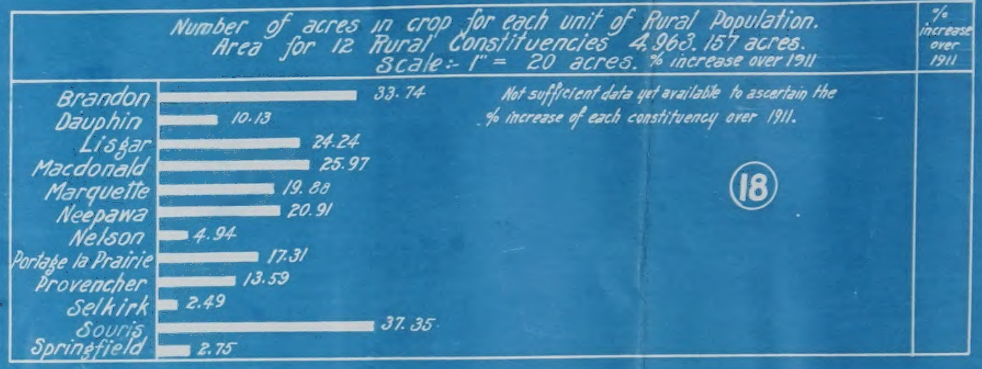
Total Annual output of Horses, Cattle, Sheep, Pigs, Wheat, Oats, Barley and other Grains = 105.487.842 made up 25% of value of Horses and Cattle, 50% of Sheep, 80% of Pigs and Grain at value given.



| | | | |
|---|---|---|---|
| Marquette | 2.702.056 | Also 1.116 square miles or 714.240 acres Forest Reserve. | 9.93 |
| Neepawa | 2.128.168 | Also 130 square miles or 83.200 acres Forest Reserve. | 7.82 |
| Nelson | 2.253.504 | Also 1.071 square miles or 685.440 acres Forest Reserve. | 8.27 |
| Portage la Prairie | 1.099.952 | Also 39 square miles or 24.960 acres Forest Reserve. | 4.04 |
| Provencher | 2.486.848 | | 9.14 |
| Selkirk | 3.857.324 | | 14.18 |
| Souris | 2.223.816 | Also 109 square miles or 69.760 acres Forest Reserve. | 8.18 |
| Springfield | 3.375.356 | | 12.41 |

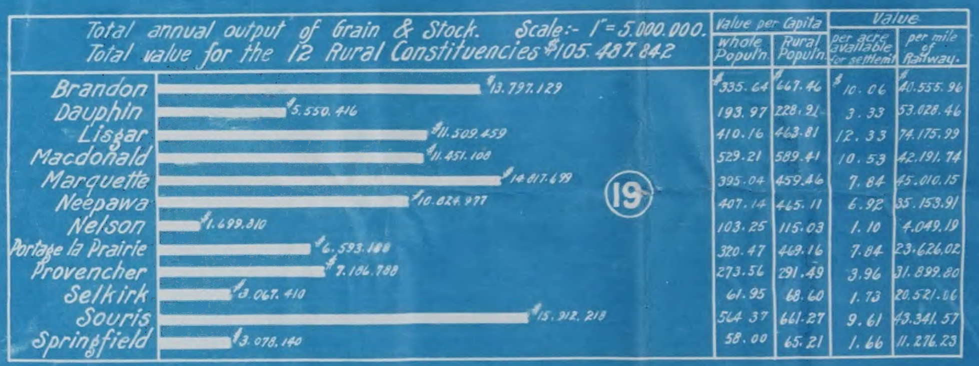


| | Number of acres available for settlement in the 12 Rural Constituencies to each unit of Rural Population. Scale:- 1" = 100 acres. |
|---|---|
| Brandon | 90 |
| Dauphin | 105 |
| Lisgar | 51 |
| Macdonald | 72 |
| Marquette | 84 |
| Neepawa | 91 |
| Nelson | 153 |
| Portage la Prairie | 78 |
| Provencher | 101 |
| Selkirk | 86 |
| Souris | 92 |
| Springfield | 72 |



| | Number of acres in crop for each unit of Rural Population. Area for 12 Rural Constituencies 4.963.157 acres. Scale:- 1" = 20 acres. % increase over 1911 | % increase over 1911 |
|---|---|---|
| Brandon | 33.74 | |
| Dauphin | 10.13 | |
| Lisgar | 24.24 | |
| Macdonald | 25.97 | |
| Marquette | 19.88 | |
| Neepawa | 20.91 | |
| Nelson | 4.94 | |
| Portage la Prairie | 17.31 | |
| Provencher | 13.59 | |
| Selkirk | 2.49 | |
| Souris | 37.35 | |
| Springfield | 2.75 | |

Not sufficient data yet available to ascertain the % increase of each constituency over 1911.



| | Total annual output of Grain & Stock. Scale:- 1" = 5.000.000. Total value for the 12 Rural Constituencies $105.487.842 | Value per Capita | | Value | |
|---|---|---|---|---|---|
| | | whole Popul'n. | Rural Popul'n. | per acre available for settlem't | per mile of Railway. |
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| Macdonald | $11.451.108 | 529.21 | 589.41 | 10.53 | 42.191.74 |
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| Neepawa | $10.824.977 | 407.14 | 465.11 | 6.92 | 35.153.91 |
| Nelson | $1.699.310 | 103.25 | 115.03 | 1.10 | 4.049.19 |
| Portage la Prairie | $6.593.188 | 320.47 | 469.16 | 7.84 | 23.626.02 |
| Provencher | $7.186.788 | 273.56 | 291.49 | 3.96 | 31.899.80 |
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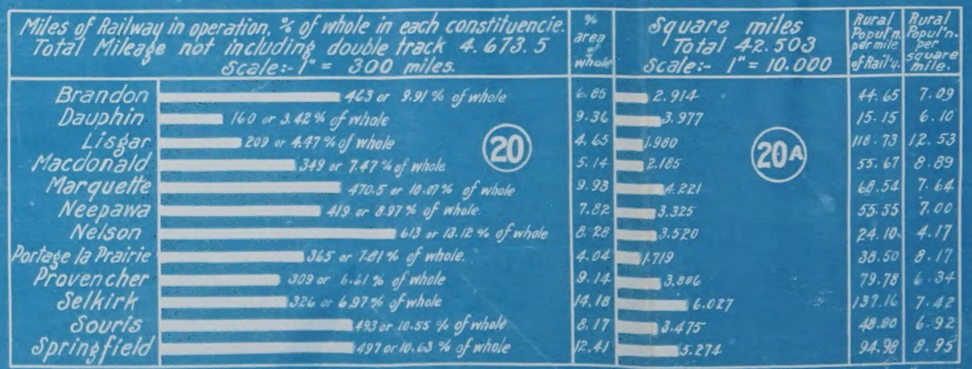
| Springfield | $3.078.140 | 58.00 | 65.21 | 1.66 | 11.276.23 |



| | Miles of Railway in operation, % of whole in each constituencie. Total Mileage not including double track 4.673.5 Scale:- 1" = 300 miles. | % area of whole | Square miles Total 42.503 Scale:- 1" = 10.000 | Rural Popul'n. per mile of Rail'y. | Rural Popul'n. per square mile. |
|---|---|---|---|---|---|
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| Dauphin | 160 or 3.42% of whole | 9.36 | 3.977 | 15.15 | 6.10 |
| Lisgar | 209 or 4.47% of whole | 4.65 | 1.980 | 118.73 | 12.53 |
| Macdonald | 349 or 7.47% of whole | 5.14 | 2.185 | 55.67 | 8.89 |
| Marquette | 470.5 or 10.07% of whole | 9.93 | 4.221 | 68.54 | 7.64 |
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Rural Population per mile of Railway 67.6.
Total " " " " " 118.5

Whole Province Rural population per square mile 7.43
" " Total " " " " 13.03

COMPILED BY W. PE
Calgary, 20th July,

## Subject index, giving Graph Numbers.

**Population**
Whole. Also in each constituencie and percentage of increase over 1911, N° 14. Rural. Also in each constituency and percentage of increase over 1911. N° 1 & 15.
Rural, number of acres available for settlement in each constituency and for each unit of rural population, N° 17. Rural, Number of acres in crop in each constituency for each unit of rural population, also % increase over 1911 for the whole constituency. N° 18. Cities. N^os^ 28 & 14. Towns, N^os^ 29 & 14. Villages N^os^ 30 & 14. Indians, N° 32.

**Areas in each Constituency**
Wheat represented by "W." N^os^ 2-13 incl. Oats represented by "O." N^os^ 2-13 incl. Barley represented by "B". N^os^ 2-13 incl. Other Grains represented by "X" N^os^ 10, 11 & 12.
Allotted to Horses represented by "H." N^os^ 2-13 incl. Allotted to Cattle represented by "C." N^os^ 2-13 incl. Allotted to Sheep represented by "S." N^os^ 2-13 incl. Allotted to Pigs represented by "P." N^os^ 2-13.
Notes:- For Horses 5 acres, each head of Cattle 4 acres. Sheep and Pigs, one acre each.
Area in acres available for settlement in each constituency for each unit of rural population N° 17. Area in acres of crop for each unit of rural pop. in each constituency, also % increase over 1911 N° 18

**Amount or Quantity**
Note:- Total output is obtained by adding together 25% of the value of Horses & Cattle, 50% sheep, 80% pigs, as given in N^os^ 21A, 22A, 23A, 24A, and the total value of grains as in N^os^ 25A, 26A, 27A, 33 & 34.
Wheat, acres, bushels per acre, N° 25. Total amount and total value @ 90.5¢ per bushel, N° 25A. Percentage in value that wheat in each constituency is of the whole Province & of total annual output, N° 25 B.
Oats, " " " " N° 26. " " " " " 35.3¢ " " N° 26A. " " " oats " " " " " " " " " " N° 26 B.
Barley, " " " " N° 27. " " " " " 50.6¢ " " N° 27A. " " " barley " " " " " " " " " " N° 27 B.
Horses, Total number in each constituency N° 21. Total value @ $100 each N° 21A. Percentage that Horses in each constituency is of the whole Province and of total annual output 21 B.
Cattle, " " " " " N° 22 " " $42.00 " N° 22A " " Cattle " " " " " " " " " " " " 22 B.
Sheep, " " " " " N° 23 " " $8.50 " N° 23A " " Sheep " " " " " " " " " " " " 23 B.
Pigs, " " " " " N° 24 " " $11.00 " N° 24A " " Pigs " " " " " " " " " " " " 24 B.
Total annual output of grain and Stock for each constituency, showing also per capita based on total population and of rural population in each constituency. Also value per acre based on acreage available for settlement. Also value per mile of railway, based on railway mileage in each constituency. N° 19.
Mileage, railways in operation in each constituency & % it is of total mileage of Province. Also % which the area available for settlement is of whole area in Province so available, For further details see also Graphs 20 & 31.
Same data as above based on sq. miles & also rural population per mile of railway and sq. mile of area, N° 20A.
Flax, % in value of total output N° 33. Rye, % in value of total output N° 34. Other Grains % in value of total output, 35. Forage Crops % in value of total output N° 36.

**Percentages**
Percentage of whole area of Province now occupied, based on 10 rural population to one square mile. N° 1.
Percentage of whole area of each constituency now occupied, based on 10 rural population to one square mile. N° 1.
Percentage of total lands available for settlement represented by each constituency N° 16.
Percentage of increase of rural population 1911 – 1916 by each constituency and of the whole, N° 15.

| | | | | |
|---|---|---|---|---|
| Lisgar | | 2.607 | | 5 |
| Macdonald | | 1.123 | | 3 |
| Marquette | | 2.183 | ㉚ | 5 |
| Neepawa | | | | |
| Nelson | | | | |
| Portage la Prairie | | 654 | | 1 |
| Provencher | | | | |
| Selkirk | | 764 | | 2 |
| Souris | | 347 | | 1 |
| Springfield | | 429 | | 1 |
| Total | | | | |

In the constituencies of Winnepeg and Springfield is the city of St. Boniface, which in 1916 had a population, 11.021; in 1911 7.483; an increase of 47.3% of that it is estimated 1.653 lies in Springfield.

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| | | |
|---|---|---|
| Macdonald | 4.353 | $37.000 |
| Marquette | 6.305 | $53.593 |
| Neepawa | 6.629 | $56.346 |
| Nelson | 1.641 | $13.948 |
| Portage la Prairie | 2.870 | $24.395 |
| Provencher | 7.313 | $62.160 |
| Selkirk | 10.693 | $90.891 |
| Souris | 11.110 | $94.435 |
| Springfield | 4.644 | $39.474 |

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| Pigs – Scale:- 1" = 100 000 Total 205.804. % increase over 1911, 9.3 | | % increase over 1911 | Placing value of each at $11.00 Scale:- 1" = 200 000 |
|---|---|---|---|
| Brandon | 25.269 | | $277.959 |
| Dauphin | 15.781 | | $173.591 |
| Lisgar | 25.314 | | $278.454 |
| Macdonald | 22.336 | | $245.696 |
| Marquette | 22.338 | | $245.718 |
| Neepawa | 18.562 | | $204.182 |
| Nelson | 6.488 | | $71.368 |
| Portage la Prairie | 11.130 | | $122.430 |
| Provencher | 18.090 | | $198.990 |
| Selkirk | 12.142 | | $133.562 |
| Souris | 15.103 | | $166.133 |
| Springfield | 13.251 | | $146.761 |

㉛ Mileage of each Railway also Total Mileage in each of the 12 Rural Constituencies with percentage of mileage in each.
Scale:- 1" = 500 miles.

| RAILWAYS | BRANDON | DAUPHIN | LISGAR | MACDONALD | MARQUETTE | NEEPAWA | NELSON | PORTAGE LA PRAIRIE | PROVENCHER | SELKIRK | SOURIS | SPRINGFIELD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C.P.R. | 261<br>56.37% | | 146<br>69.85% | 191<br>54.73% | 199.5<br>42.47% | 135<br>32.22% | | 112<br>30.68% | 102<br>33.01% | 148<br>45.4% | 299<br>60.65% | 206<br>41.45% |
| C.N.R. | 134<br>28.94% | 160<br>100% | 15<br>7.18% | 127<br>36.39% | 210<br>44.63% | 241<br>57.52% | 189<br>30.83 | 189<br>51.78% | 207<br>66.99% | 178<br>54.6% | 152<br>30.83% | 104<br>20.92% |
| G.T.P. | 42<br>9.07% | | | | 61<br>12.97% | 43<br>10.26% | | 64<br>17.54% | | | | 87<br>17.51% |
| G.N.R. | 26<br>5.62% | | 48<br>22.9% | 31<br>8.88% | | | | | | | 42<br>8.52% | |
| H.B.R. | | | | | | | 424<br>69.17% | | | | | |
| W.W.D. | | | | | | | | | | | | 100<br>20.12% |
| Total mileage & percentage same is of whole. | 463<br>9.91% | 160<br>3.42% | 209<br>4.47% | 349<br>7.47% | 470.5<br>10.07% | 419<br>8.97% | 613<br>13.12% | 365<br>7.81% | 309<br>6.61% | 326<br>6.97% | 493<br>10.55% | 497<br>10.63% |

| TOTALS BY RAILWAYS | C.P.R. | G.N.R. | G.T.P. | G.N.R. | H.B.R. | W.W.D. | TOTAL |
|---|---|---|---|---|---|---|---|
| | 1.799.5<br>38.5% | 1906<br>40.78% | 297<br>6.35% | 147<br>3.15% | 424<br>9.08% | 100<br>2.14% | 4.673.50 |

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| Wheat- Scale:- 1" = 200 000. Total 2.796.518 ac. Average bushels per acre for the 12 Rural Constituencies. —Acres— | | Bushels per acre | Quantity in Bushels – Scale:- 1" = 4.000.000 Placing value at 90.5 cents per bushel. | Value in |
|---|---|---|---|---|
| Brandon | 420.961 | 22.30 | 9.389.234 | $8.497.2 |
| Dauphin | 123.132 | 26.36 | 3.245.352 | 2.937.04 |
| Lisgar | 323.869 | 24.45 | 7.908.875 | 7.157.53 |
| Macdonald | 308.433 | 27.15 | 8.378.785 | 7.582.80 |
| Marquette | 253.959 | 29.57 | 7.508.990 | 6.795.63 |
| Neepawa | 294.674 | 26.73 | 7.876.297 | 7.128.04 |
| Nelson | 38.772 | 23.45 | 1.017.004 | 920.38 |
| Portage la Prairie | 147.955 | 31.76 | 4.799.810 | 4.343.82 |
| Provencher | 206.174 | 24.73 | 5.098.940 | 4.614.54 |
| Selkirk | 30.128 | 30.88 | 930.490 | 842.09 |
| Souris | 602.131 | 19.49 | 11.735.675 | 10.620.78 |
| Springfield | 46.330 | 29.75 | 1.378.354 | 1.247.41 |

Average for entire Province. 24.8 bush.

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| Oats- Scale:- 1" = 200.000. Total 1.314.846 ac. Average bushels per acre for the 12 Rural Constituencies. —Acres— | | Bushels per acre. | Quantity in Bushels – Scale:- 1" = 4.000.000 Placing value at 35.8 cents per bushel. | Value in |
|---|---|---|---|---|
| Brandon | 168.456 | 35.98 | 6.046.265 | 2.134.33 |
| Dauphin | 71.291 | 40.67 | 2.899.084 | 1.023.37 |
| Lisgar | 136.890 | 31.50 | 4.312.060 | 1.522.15 |
| Macdonald | 92.302 | 42.86 | 3.955.776 | 1.396.38 |
| Marquette | 324.558 | 43.96 | 14.268.034 | 5.036.61 |
| Neepawa | 101.901 | 38.98 | 3.973.011 | 1.402.47 |
| Nelson | 17.397 | 50.42 | 877.101 | 309.61 |
| Portage la Prairie | 49.582 | 48.29 | 2.894.399 | 845.22 |
| Provencher | 69.837 | 36.77 | 2.568.247 | 906.59 |
| Selkirk | 47.047 | 35.72 | 1.680.380 | 593.174 |
| Souris | 193.938 | 31.37 | 6.084.264 | 2.147.74 |
| Springfield | 41.624 | 39.30 | 1.635.923 | 577.481 |

Average for entire Province. 38.6 bush.

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| Barley- Scale:- 1" = 200 000 Total 16.651.445 ac. Average bushels per acre for the 12 Rural Constituencies —Acres— | | Bushels per acre. | Quantity in Bushels – Scale:- 1" = 4.000.000 Placing value at 50.6 cents per bushel. | Value in $ |
|---|---|---|---|---|
| Brandon | 86.213 | 28.21 | 2.432.089 | 1.230.637 |
| Dauphin | 32.177 | 28.91 | 931.264 | 471.220 |
| Lisgar | 87.789 | 26.74 | 2.347.487 | 1.187.828 |
| Macdonald | 68.069 | 33.44 | 2.276.146 | 1.151.730 |
| Marquette | 42.868 | 30.65 | 1.313.921 | 664.844 |
| Neepawa | 51.642 | 30.31 | 1.565.390 | 792.087 |
| Nelson | 8.794 | 33.29 | 292.832 | 148.173 |
| Portage la Prairie | 33.137 | 36.81 | 1.219.793 | 617.215 |
| Provencher | 36.805 | 28.64 | 1.053.963 | 533.305 |
| Selkirk | 19.868 | 27.31 | 542.610 | 274.561 |
| Souris | 81.707 | 26.33 | 2.152.679 | 1.089.256 |
| Springfield | 17.558 | 29.80 | 523.271 | 264.775 |

Average for entire Province. 29.4 bush.

Total Annual output of Horses, Cattle, Sheep, Pigs, Wheat, Oats, Barley and other Grains = 105.487.842 made up 25% of value of Horses and Cattle, 50% of Sheep, 80% of Pigs and Grain at value given.

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### Indian Population

Data not sufficient to enable the seperating of the Indians from the balance. They are included in the totals, therefore they have been included in the rural. They are fairly proportionately distributed throughout the various constituencies.

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### Flax

Flax constitutes .18% of total annual output, or $193,248 being 14,504 acres and production 120,179 bushels. Of that
Brandon has 10.69% acreage and 13.09% bushels of total.
Lisgar " 29.85% " " 32.97% " " "
Neepawa " 5.96% " " 6.02% " " "
Provencher " 9.39% " " 9.39% " " "
Souris " 27.21% " " 26.33% " " "
leaving 13.27% " " 12.20% " " "
scattered among the remaining seven rural constituencies.

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### Rye

Rye constitutes .16% of total annual output, or $167.088 being 11.507 acres and production 207.573 bushels. Of that
Lisgar has 9.05% acreage and 9.65% bushels of total
Macdonald " 9.83% " " 10.35% " " "
Provencher " 33.32% " " 26.86% " " "
Souris " 13.40% " " 15.01% " " "
Springfield " 9.33% " " 9.90% " " "
leaving 25.07% " " 28.23% " " "
scattered among the remaining seven rural constituencies.

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### All Other Grains excepting Grass Seed.

Total $64.120 or .06% of whole, being 1.508 acres and 33.279 bushels.

### Forage Crops

㊱ The census return gives in Forage Crops 225.966 acres, with a tonnage of 329.353, the valuation of same being $5.512.262. The forage crops seem to be fairly evenly distributed among the 12 rural constituencies.
There is no acreage given for prairie hay, -wellnigh impossible to obtain with any precision. The tonnage is 536,386. Its valuation is included no doubt with that of Hay and Clover, the latter is 86.800 tons, making in all 623.186 tons, with a valuation of $3.604.383, being $5.78 per ton.
Alfalfa does not represent a very large amount, viz. 3.671 acres, 5345 tons or 1.45 tons per acre. at a valuation of $60.981, or $11.40 per ton.
Potatoes and Roots. Outside of potatoes of which the output of the Province is 29.403 acres. 2.546.981 bushels, or 87 bushels per acre, the root output is small, the chief item being turnips, of which the acreage is 994, and 255.918 bushels, the total acreage being 1.630 & 407.939 bushels.
Sugar Beets; 126 acres given as 9 tons per acre, other field roots 990 acres at 7.6 tons per acre, onions 147 bushels per acre, and mangels 274 bushels per acre.

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